DOCUMENT RESUME

ED 044 129 LI 002 162

AUTHOR Liebesny, Felix, Ed.; Ostrowska, Krystyna, Ed. TITLE A Guide to the World's Training Facilities in

Documentation and Information Work [Prepared by the]

Central Institute for Scientific, Technical and

Economic Information, Warsaw, Poland. Second Edition.

International Federation for Documentation, The

Hague (Netherlands).

REPORT NO FID-461 PUB DATE 69

NOTE 291p.

AVAILABLE FROM FID Secretariat, 7 Hofweg, The Hague, Netherlands

(\$8.37)

EDRS PRICE EDRS Price MF-\$1.25 HC Not Available from EDRS. DESCRIPTORS College Programs, *Curriculum Guides, Doctoral

Programs, *Documentation, *Information Science,

*Library Education, *Library Schools

IDENTIFIERS *International Federation for Documentation

ABSTRACT

INSTITUTION

This guide presents up-dated information, on a world-wide basis, on training facilities in documentation and information work. Only data relating to the formal training of documentalists, information workers and special librarians are included, except for those countries in which only short courses or seminars are available. Forty-seven countries are listed in alphabetical order, with a total of 159 institutions, listed under these countries, arranged alphabetically by the English version of place-name locations within the countries. The level of training, post-graduate, graduate, non-graduate, or special, available at each location is listed. A list of courses for users and potential users and a list of more specialized courses are appended. (AB)



O See met peages

CENTRAL INSTITUTE FOR SCIENTIFIC, TECHNICAL. AND ECONOMIC INFORMATION,

Warsaw, - Poland. Seconded,

"PERMISSION TO REPRODUCE THIS COPY-RIGHTEO MATERIAL BY MI CROFICHE ONLY HAS BEEN GRANTEO BY

Sviridov

TO ERIC AND ORGANIZATIONS OPERATING UNDER AGREEMENTS WITH THE U.S. OFFICE OF EDUCATION. FURTHER REPRODUCTION OUTSIGE THE ERIC SYSTEM REQUIRES PERMISSION OF THE COPYRIGHT OWNER."

U.S. DEPARTMENT OF HEALTH, EDUCATION
& WELFARE
OFFICE OF EDUCATION
THIS OOCUMENT HAS BEEN REPRODUCED
EXACTLY AS RECEIVED FROM THE PERSON OR
ORGANIZATION ORIGINATING IT. POINTS OF
VIEW OR OPINIONS STATED OO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EOUCATION POSITION OR POLICY.

A Guide to the World's TRAINING FACILITIES. 1 N **DOCUMENTATION**

> AND INFORMATION WORK E prepared by the

second edition Report: FID 461 ©1969

State of the state of the sections of

INTERNATIONAL FEDERATION FOR DOCUMENTATION, 7-Hofweg, The Hague + (Netherlands)

First edition 1965 Second edition 1969

notyabarabec eka eka ekanapacea

> nofulta Daggas 19 - 1884 1985 - 1985 1985

Compiled by: Krystyna Ostrowska

Edited by: Felix Liebesny
Krystyna Ostrowska
PC: TAINENDES FOR HOLENES LAMOITAINEEL

DOG [184] - Signal Sill Dewick T

TABLE OF CONTENTS

			page	
INTRODUCTION			5	•
A MESSAGE FROM THE FID/TD CHAIR	RMAN		7 .	
FOREWORD			9	
Part ! - TRAINING IN DOCUMENTAT	TION AND IN	FORMATION		
1. Argentina			13	
2. Belgium	•	•	19	
3. Brazii		•	26	
4. Bulgaria			31	
5. Canada			35	
6. Colombia			48	taran karangan di Balangan
7. Costa Rica			50	
8. Cuba			51	
9. Czechoslovakia		• •	52	
10. Denmark	•	egent en j	66	
11. Finland	,		68	
12. France	•		69	
13. German Democratic Republic			82	
14. Germany	1.11.11.11.11.11.11	Marian 💫	88	- 11 to 3
15. Ghana		od teknogia najmi	95:::	namper vil
16. Guinea	•		96 🦠	entro de la companya
17. Hungary			97	$\{\{i,j\}\},\{i,14,\dots,i_{N_{i}}\}$
18. India	•		101	$(v(h, w) = \varepsilon)$
19. Indonesia	•		111	and the state of t
20. Iran	·		112 ្	tanta in
21. Iraq			113	Addition of
22. Ireland			114/	ું કરી કે એક જો જો
23. Israel	april sagan	ំខាន់ ស្រៀងសុរីស្រុ	116 ;	e au lan Africa
24. Italy ORA			119	for single $\mathcal{C}(f)$
25. Japan			1 <i>2</i> 8	racony "II
26. Mali			134	
27. Netherlands		ye di ji aya Qarib	135	क्षा ३ जि.स. १६८ में जन्म
28. Nigeria			149	

	page
29. Norway	150
30. Pakistan	151
31. Poland	154
32. Portugal	169
33. Romania	177
34. Senegal	180
35. South Africa	181
36. Spain	184
37. Sweden	187
38. Switzerland	189
39. Tunisia	190
40. Turkey	192
41. Uganda	193
42. Union of Soviet Socialist Republics	194
43. United Arab Republic	205
44. United Kingdom	207
45. United States of America	241
46. Uruguay	272
47. Yugoslavia	273
en e	i pigro ng i troppos legis (a ki). Tangan ng kanangan
Part II - TRAINING OF USERS OF INFORMATION	्रम्भूकामा (१५०) । १९४५ - १९४०
1. German Democratic Republic	279
2. Germany	280
3. Hungary	283
4. Italy 1911	284
5. Poland	285
6. Romania	287
7. South Africa	288
8. Switzerland	288
9. Union of Soviet Socialist Republics	289
10. United Kingdom	290
11. Yugoslavia	292
Part III - LIST OF SPECIAL COURSES	294
얼마나 아내지를 시작하여 하고 있으니요? 아름다면	ા મુખ્યત્વે કરતા કુંચાલું કે જાહેરા છે. આ પાસ માટે માર્ચિક માર્ચિક માટે કર્યો

GENTRODUCTION advance Light of Participations or

The State of the Assessment to be the state of

Four years have already elapsed since the first edition of this Guide was published. In the meanwhile information activity has been expanding rapidly in many countries, international co-operation keeping steady pace with it. New services and information centres are coming into being in developing countries, and scientific and technical information problems occupy more and more the interest of inter-governmental organizations, such as UNO, UNESCO, COMECON, OECD. A UNESCO/ICSU Central Committee is considering the creation of a World Science Information System - UNISIST. In Moscow, in 1969, an International Center of Scientific and Technical Information was called into being. FID activity has been expanding considerably, its members growing in number and its international role intensifying.

Forms and methods of processing, storing and disseminating information are changing along with the development of informational activity. Rapid progress is to be seen in this field. Modern technical means, such as computers and new techniques in the reproduction of documents, and their transmission to distant places, are being introduced with growing speed.

The development of information has close interrelationships with the problems of training documentalists. Training programmes have to take into account the qualifications required of documentalists by information centres willing to employ them. Consequently training programmes need to include new forms and methods in information processes and sometimes should go ahead of introducing them into practice.

The strengthening of international co-operation requires the correlation of training between one country and another, and this is particularly valid for countries co-operating by way of exchange of information materials and services. So exchange of experience relevant to methods of training has a great importance too, and it allows for raising training levels and effects. For this reason the first edition of the Guide to the world's training facilities in documentation and information work, published in 1965 by FID in co-operation with CIINTE and under the auspices of the FID Training Committee, was welcomed both by FID members and information services interested in training documentatists.

Opinions coming from various countries, and an exchange of views within the FID Training Committee itself, crystallized in a decision to publish a second updated and enlarged edition of the Guide. This work has been taken up by CIINTE and carried out by the Secretary of the FID Training Committee. Materials from respective countries were collected, then arranged according to the Guide's general programme and prepared for print.

At the meeting of FID/TD at Lancut, in May 1969, training problems were thoroughly discussed along with training programmes, having regard

to anticipated developments in information work. In this connection also the second edition of the Guide came under review.

The present edition, no doubt better than the first one, will be of use to all organizations, institutions and persons active in training documentalists and interested in this problem. It will, undoubtedly, contribute to an improvement of training and its results, as well as to the development of international co-operation.

I wish to thank the FID Training Committee Members for all their efforts on behalf of the Guide, for their advice and counsel given at meetings or addressed directly to the FID/TD Secretary. Particular acknowledgement is due to Mr. F. Liebesny for his share, i.e. the final shaping of the text and giving it proper form, and for the time he generously offered to accomplish this task.

I warmly thank Dr. F. Sviridov, the FID Secretary General, and Mr. W. van der Brugghen for supplying us with documents and assisting in the completion of the task.

l also thank all National Members of FID and all training institutions who supplied us with necessary materials. Among them particular thanks are due to Dr. Ch. Shilling for information on training information scientists in the USA, which he helpfully gathered.

Preparing the second edition of the Guide for print called for much work: the exchange of hundreds of letters and fitting the information received into the general outlines of the publication. For accomplishing all this thanks are due to Miss K. Ostrowska; the Secretary of FID/TD. inguar, mai karang pagi karang adalah pagirindah ngagapa s

Finally I wish to express the simple hope that the Guide will prove serviceable to all its users. internation de la more des diffes parecións. Confesso de Acontrato desembles de mas confesso. ित्रक विभाग प्रतिकृति कि विभाग विश्वविक्तात्र । एक विश्वविक्ता विभाग विश्वविक्ता । विभाग विभाग विभाग विश्वविक् त्रीत्रक विभाग प्रतिकृति के विभाग विश्वविक्ता विभाग विश्वविक्ता । विश्वविक्ता विभाग विश्वविक्ता विभाग विश्वविक

国际经验信息 法直接开始的

The first constant of the second of the seco

The terms of the state has take a sent three or the term of the tree should be work took of his look it took you had been been him to be and he are he are to Find selection to not the beginning bon paragraphy concern algebraughed sore bos teen texal an by there an retries on by the teary of the tip testalog the tester between the tester size and the countries were collected, then arranged eccording to the Suide's Geraral programmo and his part paregrey and

Are the mention of the total an including the section and treatment are stored net a spaceding discussion stony with the propagation of the propagation of the standard

A MESSAGE FROM THE FID/TD CHAIRMAN

"A Guide to the World's Training Facilities in Documentation and Information Work" may be regarded as a good example of FID Training Committee work.

Beside its importance for the users, in particular for the establishments concerned with training, the Guide plays an important part in the provision of information for the FID Training Committee itself. The materials it contains make possible to follow the progress in training documentalists throughout the world and draw conclusions regarding mittee.

One of the nearest tasks of the FID/TD is the establishment of model programmes for training both documentalists and information users, the other is elaboration of a survey of the world's methods and forms of training documentalists. Also in this respect the present edition of the Guide and the information it contains is of great use.

The comparison of the merits of the materials which have been registered in the present edition of the Guide with those from the first issue testifies to a considerable progress in the training of documentalists throughout the world. FID has no doubt a share in it.

Here is the right place to express warm thanks to all who contributed to the Guide, to members of the FiD Training Committee for valuable guidance submitted individually or at the Committee meetings, and last but not least, to the editors of the Guide for the great effort they put into accomplishing the work.

Acknowledgement is also due to the Central Institute for Scientific, Technical and Economic Information, in Warsaw, whose contribution allowed for the speedy compilation of the Guide.

Any constructive criticism coming from users of the Guide will be welcomed and should be addressed to the FID/TD Secretariat.

Dr. Adam Górski Chairman of FID/TD

FOREWORD

Notes for users of the Guide

The aim of this Guide is to present the fullest up-to-date details about the training facilities in documentation and information work in the World. Since the publication of the first edition of this Guide in 1965, many developments in this field have taken place at all levels of training. Firstly, the number of educational establishments concerned with this discipline has increased considerably, several universities have created chairs specially concerned with information science and many new degree courses have been introduced. Secondly, the increasing demands for specialists in information work, in academic institutions and in industry, have led to the setting-up of more specialized training programmes. This expansion is also reflected in the fact that this edition covers in more countries than the previous edition.

ed at 200 and instrumenting or prison that wolume has been collected from an several sources:

- from the replies received to a questionnaire sent out by the FID/TD Secretariat in 1968. Unfortunately not all recipients replied so that some of the data are far from complete;
- from prospectuses received from training establishments, though not all were as up-to-date as could have been wished;
- 3. from the published literature, such as review articles and conference proceedings (e.g. of the "International Conference on Education for Scientific Information Work", London, 1967, published by FID).

The collected material was collated and edited according to principles laid down by the FiD Training Committee, so that only data relating to the formal training of documentalists, information workers and special librarians are included. In general, information about courses in traditional librarianship and short courses or seminars has been excluded from the Guide; however, some brief information is presented in respect of those countries where no other form of training is known to exist.

In this Guide the relevant information is presented in the following manner:

- a) alphabetical by country;
- b) for each country, alphabetical by location (using the English version of place-names, e.g. The Hague and not 's-Gravenhage';
- c) for each location, by level:
 - <u>post-graduate</u> (where a university degree is the condition of admission to studies or courses leading to the degree or sometimes only to professional qualifications),
 - <u>graduate</u> (where a secondary school education is required and training leads to Bachelor, Master or Doctor title),
 - non-graduate (where a secondary education is required, and the training does not lead to a university degree, the trainee being

granted only a diploma or certificate of professional qualifications),

special (special courses are those in some speciality, such as classification, patents, mechanization, etc.)

For some courses, the level of training is not marked, because of lack of adequate information. Some courses, both introductory and advanced, admit graduates as well as non-graduates, and it has therefore not been possible to define the level clearly.

Two new features have been added at the end of the Guide: 1) a list of courses for users and potential users (students in various faculties) of information, and 2) a list of more specialized courses.

The part dealing with information users is incomplete; no doubt users are trained in many countries besides those enumerated in the Guide. Lacking information, we could not insert more data but we hope to be able to fill this gap by publishing supplements to the Guide in the FID News Bulletin. This will be possible if the relevant data reach the FID/TD Secretariat.

159 training institutions in 47 countries are dealt with in detail in the Guide, to say nothing of various training facilities mentioned in "Additional information". In 11 countries information users are trained (according to data at our disposal).

enting of the fiver sold of a value of the control of the entire for the five of the control of

esting of paintenies in a succession of the second control of the

K. Ostrowska FID/TD Secretary K. Ostrowska

mental from the first fire of the fire of inchese and alt algebotest for the countries. Bistory sections settler, algebor of the all are on all two control of the ling of the research of the sections. There was such that the second of the the to delitions was allegated by the section of employ discharge two pereller var semble och det i det en det et i fer i fer et for telle et for de en sementalen. า ผู้เกิดเกรา ที่ 65 24 14 feets ("Tomba ที่สีสัง กระทำ) - 64 เพาะโทธ c/o CIINTE, Al. Niepodlegiości 188, Warsaw Jadzia w Blassi gain

eun-arcelle de la lactura de lactura de la lactura de la lactura de lactura de la lactura de lactura de la lactura de lactura de lactura de la lactura de la lactura de la lactura de lactura de la lactura de lactura de lactura de la lactura de lactura de lactura de la lactura de l

11

Part I - TRAINING IN DOCUMENTATION AND INFORMATION

17/13 ARGENTINA

Apart from the courses organized by the Centre of Scientific Documentation there are no separate courses in documentation and information science in Argentina. The subject is only taught in library schools.

There are 9 library schools in Argentina. Condition of admission to the schools is, in principle, a leaving certificate of a secondary school. Language of lectures is Spanish.

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

BUENOS AIRES

Centro de Documentación Científica - CNICT (Centre of Scientific Documentation), Rivadavia 1917 - R 25, Buenos Aires

Programme

- 1. Concept of documentation
- 2. Problem of sources of documentation
- 2. Problem of sources of documentation
 3. The library and the centres of documentation
- 4. The documentalist as auxiliary worker or participant in research work
- 5. Problems deriving from the current growth of scientific literature
- 6. Current solutions in information handling. Automation
- 7. Bibliographical study and searching
- 8. Investigation or searching of data
- 9. Evaluation of reference and bibliographic repertories
- 10. Criteria for an encyclopaedia
- 11. Function of research in the application of results of investigations for utilitarian purposes the management for a literal Documentation research
- 12. Documentation research
- 13. Localization and selection of information sources
- 14. References, repertories, bibliographies the Common or a problem of
- 15. Catalogues
- 16. Union catalogues
- 17. Classification
- 18. Bibliography
- 19. Criteria for bibliographies
- 20. Preparation of a bibliography for individual use
- 21. Services of documentation
- 22. The centre of scientific documentation
- 23. Forms of scientific papers (literature)
- 24. Components of scientific papers
 25. Bibliographical citations

Type of training

Course in documentation for research workers

the control of the following special control of the control of

海路 经加格 隐乱 化氯氯酚化汞

Conditions of admission

Status of a research worker in fields of medicine, chemistry or biology; age limit of 40 years; application for admission with

The Constant of the State of



appropriate consent and recommenda-

tion from employer

Duration of training

26 days (3 times a week)

For what kind of work are the students being trained

Information workers in medicine,

chemistry and biology

Examinations

None

Degrees or other qualifications granted

None

Language of lectures

Spanish

Number of trainees

Limited to 45 participants (15 for

each special field)

List of library schools offering courses in library science and documentation

BUENOS AIRES

Universidad del Museo Social Argentino, Facultad de Servicio Social, Escuela de Bibliotecologia (University of the Argentine Social Museum, Faculty of Social Service, School of Library Science), Corrientes 1723, Buenos Aires

Programme

- Bibliography (general and special)
 Cataloguing
- 2. Cataloguing
- 3. Classification
- 4. Abstracting
- 5. Administration and organization
- 6. Theory and history of science
- 7. Elements of law and economics of the control of
- 8. Psychology of reader and development of reading

Duration of training

2 or 3 years

Degrees or other qualifications aranted

After two years: Bibliotecario After 3 years and presentation of Master's thesis: Licenciado en Bibliotecologia y Documentación

ก็สะเมื่อ สมาส์ที่เพาะได้สามารถเก็บสล์รับกรณ์รั

BUENOS AIRES

Universidad de Buenos Aires, Facultad de Filosofia y Letras, Carrera de Bibliotecologia (University of Buenos Aires, Faculty of Philosophy and Letters, Chair of Library Science), Reconquista 572, Buenos Aires

Programme

- Bibliography
 Cataloguing
 Classification

- 4. Abstracting
- 5. Documentation
- 6. English
- 7. French

Duration of training

3 years

Degrees or other qualifications granted

Bibliotecario

BUENOS AIRES

Escuela Nacional de Bibliotecarios, Biblioteca Nacional, Dirección General de Cultura, Ministerio de Educación y Justicia de la Nación (National School of Librarians, National Library, General Directorate of Culture, Ministry of Education and State Justice), Méjico 564, Buenos Aires

Programme

- 1. Administration
- 2. Advisory services
- 3. Cataloguing
- 4. Classification
- 5. Psychology and aesthetics of reader
- 6. Foreign language

Duration of training

2 years the reistine printing and the

Degrees or other qualifications granted

Bibliotecario

CORDOBA

Universidad Nacional de Cordoba, Facultad de Filosofia y Humanidades, Escuela de Bibliotecarios (National University of Cordoba, Faculty of Philosophy and the Humanities, School of Librarians), Ciudad Universitaria - Pabellón España

Programme

granted

- 1. Cataloguing and classification
- 2. Organization and administration
- 3. Bibliography and abstracting
- 4. Assistance to readers
- 5. Foreign language

Duration of training

Degrees or other qualifications

2 years is a common bor policy of whole is

ษัสต์ พูสุกราชอยู่ Lelb เปิดเดือนกับ Bibliotecarlo

olympikas kaj gradeljik gr 3. philipia di ian inches ipu i viv

Calla 46 Mg 465, by Fight (Bayes, 5

อูเลือนโอเทียง เกอร์ พลด์ที่ นับเ

ingeneral espletedes.

and the state of the second and the second and the second as

AND THE WAR STATE

Captification II

LA PLATA

Universidad Nacional de la Plata, Facultad de Humanidades y Ciencias de la Educación, Carrera de Bibliotecologia (National University of La Plata, Faculty of the Humanities and Pedagogics, Chair of Library Science),

Calle 6 No 775, La Plata (Prov. Bs.As.)

Two courses are organized:

A. For librarians of university libraries

Programme

- 1. Cataloguing and classification
- 2. Foreign language

Candidates having university diploma are only admitted.

Duration of training

1 year

Degrees or other qualifications aranted

Bibliotecario Universitario

agrance of the earth of

servant refersa if

Outroph in the second which is not the owner.

medical for the second

In the face of \$10 sizes are little two two two cases.

B. For librarians of technical libraries

Programme

- 1. Cataloguing and classification
- 2. Abstracting and bibliography
- 3. Foreign language

Duration of training

2 years

Degrees or other qualifications granted, many to a second to be

Técnico Bibliotecario

LA PLATA

Escuela Superior de Bibliotecologia, Dirección de Enseñanza Superior media y Vocacional, Ministerio de Educación de la Provincia de Buenos Aires (Higher School of Library Science, Directorate of Advanced and Vocational Training, Ministry of Education of the Province of Buenos Aires), Calle 46 No 483, La Plata (Bs.As.) middless of the marking all the

Programme

- 1. Cataloguing and classification
- 2. General bibliography and abstracting
- 3. Introduction to philosophy
- 4. History of culture
- 5. Introduction to modern culture
- 6. Foreign language



Duration of training

2 years

Degrees or other qualifications

Bibliotecario

granted

KOSARIO

Universidad Popular de Rosario, Departamento de Extensión Universitaria - Section Rosario, Universidad Nacional del Litoral, Escuela de Bibliotecologia (The People's University of Rosario, Department of Extension Studies - Rosario Section, National University of Litoral, School of Library Science), Santa Fé 2085, Rosario (Santa Fé)

Programme .

1. Cataloguing and classification

2. Abstracting and bibliography

Duration of training

2 years

Degrees or other qualifications granted

Bibliotecario

ROSARIO

Escuela de Bibliotecarios, Instituto de Profesiones Técnical "20 de Junio" - Ministerio de Educación y Cultura de la Provincia de Santa Fé^{*}(School of Librarians, Institute of Technical Professions "20th June" - Ministry of Education and Culture of the Province of Santa Fé), Moreno 965, Rosario (Santa Fé)

Programme

1. Bibliography and abstracting

2. Cataloguing and classification (theory and practice)

3. Literature

4. English

5. French

Duration of training

2 years

Degrees or other qualifications

Bibliotecario

granted

SAN MARTIN

Escuela de Bibliotecologia, Consejo General de Educación, Ministerio de Educación y Cultura de la Provincia de Santa Fé (School of Library Science, General Council of Education, Ministry of Education and Culture of the Province of Santa Fé), San Martin 3459 (Santa Fé)

Programme

- 1. Cataloguing and classification
- 2. Bibliography and abstracting
- 3. French
- 4. English

Duration of training

Degrees or other qualifications

2.or 3 years at the transfer was a sample.

language of the single of the best of the contract of the policy line of

when being light on his boson his long, have I have been well

After 2 years: Bibliotecario After 3 years: Bibliotecólogó

taning principal commission of a conjugation

Principle of granted a complete the translations places from a complete

> Sheisbut Leis Steet A

Salar on Salar Wingshi

agina tempatakan dan sangan sasi madapat 📝

granted

recovers de Criban consumera Comera a sociente en Sumeración, diministration de Favioración (2002 de 1904 de 1904 de 1906) de 1906 de 1907 de

BLIMM NO

12 m 13 m 15

BELGIUM

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

BRUSSELS

Ecole Provinciale de ¤ibliothécaires (Regional Librar 41, Rue des Tanneurs, Brussels 1	y School),
Director: J. van Hove	
Year of foundation: 1960	
GRADUATE Last Marrie 30 La harrista de la militaria de la companya del companya de la companya de la companya del companya de la companya del companya de la companya de la companya de la companya de la companya del companya de la companya della companya de la companya de la companya della companya della companya della companya della companya della companya della c	. grander da jeggi.
Programme	hours/week
First year of the second of th	nour sy week
General Control of the Control of th	
 General librarianship Cataloguing and practical exercises 	1
3. Bookselling and the elements of bibliography	<u>2</u> !
4. Literature of the historical sciences and the	
history of civilization 5. Literature of the geographical sciences and	1
Literature of the geographical sciences and the geography of the world	1/2
6. Literature of the social and economic sciences 7. Literature of the legal and administrative	1/2
sciences	1
8. Literature of philosophy	2 1 2
	વાના <u>લા છે. <mark>કુ</mark> ધાનાને લો</u> વેટ કરેલા
10. Literature of the pure sciences 11. Literature of the applied sciences] 5
12. Literature of the biological sciences	enrole to all of
13. German 14. English	. beatan
	is are process.
	alice 10°s no sound
Second year Library-Documentation Section	
1. Cataloguing: they warm as the head they are	and the state of t
2. Bibliography	
3. Problems, in documentation 4. Classification and terminology	erite i kar ki kazita eritik i kitat dan Filoria dan kazita
5. Universal Decimal Classification	
6. Classification of social and economic sciences	i i i i i i i i i i i i i i i i i i i
7. Classification of pure and applied sciences 8. Commercial and industrial law	
9. Administrative law	2 1
10. German	
11. English 12. Dutch	
- The modern for the second of the factor of the contract of t	y isi -j , pysyky
Tot	al 10 becomes

Third year	41.711.3	hours/week
<u>Third year</u>	en e	The state of the s
1. German		1
2. English 3. Dutch		1
4. Seminars, conferences, visit	s .	1
Practical exercises in biblic documentation	ography and	
		10 (10 (10 (10 (10 (10 (10 (10 (10 (10 (
		Total 10
Type of training	School of Li	brary Science.
and a second	The training	is conducted along two
	lines: 1) li	brarianship, and 2) do-
	cumentation,	depending on the spe- chosen by the student
	after the fi	rst vear of study, which
	is general 1	or all students. he lectures the training
	Apart from t	he lectures the training
	also include	es practical exercises,
Away grants	blic library	Royal Library, the pu-
	ry, the univ	y, the children's libra- versity library, printing linding works, documenta-
oka di kacamatan da kacamatan da Kacamatan da kacamatan da kacama	works, book	inding works, documenta-
	Tion centres	, document reproduction
	institutions	化压缩性压缩 法法律法院 医邻氏试验检尿炎
Conditions of admission		18 years old;
		ertificate of a secon-
Ana Caratan a anti-transport		यव (विश्ववरण्डा वर्षात्र । विश्ववरण्डा वर्षात्र वर्षात्र । वर्षात्र । वर्षात्र । १९५८ वर्षात्र ।
Are foreign participants allowed	Yes	
Conditions of admission	Same as for	Belgian students
Duration of training		fourth year of studies
	ted to semir most recent	it is generally devo- mars, adaptation of the methods and the prepa- master's thesis
For what kind of work are the students being trained	Technical, Li	brarians, assistants in centres, librarians of
	public libra	ories, employees of nouses
Examinations	Oral in: 1) 2) 3)	Cataloguing Bibliography Classification ear and a final exami-
	nation	
Degrees or other qualifications granted	Gradué en Sc ques et Bibl	iences Bibliothéconomi- iographiques or Biblio-

thécaire Documentaliste (depending on the selected line of studies) after three years. A Masters' Diploma may be conferred after the fourth year

Language of lectures

Tuition fees

French, Dutch

An entrance fee of 100 BF is obligatory and 100 BF for each year of studies

Number of trainees

French 10, Dutch 6

BRUSSELS

<u>Institut d'Etudes Sociales de l'Etat</u>, 26, Rue de l'Abbaye, Brussels 5

Director: A. Graffar Year of foundation: 1964

GRADUATE

Course for Librarian-Documentalists

Programme	hours/year
First year	High Technology of the control of the State of the Control of the
1. Orientation course	of the control of a participation of a
1. Philosophy	vipesanjant de circent 36 1.4
2. Philology	্ৰান্ত কৰা বিশ্বৰ প্ৰতিষ্ঠা কৰা কৰা কৰা কৰা কৰা কৰা কৰা কৰা কৰা কৰ
3. Introduction to law	· · · · · · · · · · · · · · · · · · ·
4. Political economy	v 1960.0000 1960.00 54
5. Statistics	14 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
6. Sociology	wasant rasantas ya 36 0 mga
7. Psychology - pedagogics	@001smana 12sept 26 090
	g do real consistence of the state of the st
10. Chemical sciences	(nas tea) et et energie et elegan 36 et et e
11. Literature	- Profile - Eulodya va Sein (36 kg) -
12. History of civilization	- 54 - 44636pn#x 2134 4
13. Geography	360
	sufficient only to surely early
II. Technical course	· · · · · · · · · · · · · · · · · · ·
1. Library science	126
2. History and production of	
3. Editing - bookselling	arles 12
4. Organization of public lib	4.105
5. Different types of librarie tation centres	es and documen-
	18 - 18 - 18 - 18 - 18 - 18 - 18 - 18 -
a promote i i i i i i i i i i i i i i i i i i i	o antigorio de la composició de la compo

	hours/year
III. Languages 1. Dutch 2. English 3. German	72 108 72
IV. Visits to libraries and documentation centres	60
Second year	
The curriculum of the second year is more techn ter and its practical training prepares students for nal work.	ical in its charac- active professio-
I. Orientation course	hours/year
a) Option: Humanities 1. Literature 2. Geography 3. Contemporary history 4. Constitutional law 5. History of art 6. History of religions 7. Civil law 8. International law 9. Commercial law b) Option: Science 1. Statistics 2. Physics and mathematics 3. Chemical sciences 4. Industrial technology 5. Natural sciences 6. International law 7. Physical geography	90 36 36 36 36 36 18 27
 Technical course Library science - theory Practical exercises Organization of documentation services Reference work and bibliographies Seminaries on special subjects 	108 72 72 90 36
4. German 5. Russian or Spanish or Italian 10 2013 4 2023	72 108 108 72
IV. Practical training: 1 month Third year During the third year the students continue to	improve their: lan-
guages and go deeper into various questions relevant	either to centres

of scientific and technical documentation or to general libraries devo-

ted to the humanities.

Courses and practical training interchange in order to permit the drafting of a final report of the studies on a question on library science.

 Common course Documentation techniques Copyright Psychology of the reader Techniques of dissemination or 	hours/year 54 9 18 information 18
ii. Optional courses a) Option: Humanities 1. International organization 2. Contemporary art 3. Political regimes 4. Literature for young peop 5. History b) Option: Science 1. Biological sciences 2. Chemistry 3. Pure sciences 4. Statistics 5. Patents 6. International organization	36 54 le 18 36 36 36 36 36 36
 111. Languages 1. Dutch 2. English: option Humanities 3. English: option Science 4. German: option Humanities 5. German: option Science 6. Russian or Italian or Spani 	72 108 108 108 108
IV. Practical training: 5 months	eri seri in in suestra de la librariada (d.)
	and documentation. Documentation is offered as a part of the curriculum in Hibrary science
Conditions of admission	Leaving certificate of a secondary school (baccalauréat); a degree in humanities or its equivalent
Are foreign participants allowed	Yes my lock edistricatores vasori Asopti () otroposas vas vas registres il vas mei otroposas vas registricas rejustator
Conditions of admission	Same as for Belgian students
Duration of training	3 years (full-time)
For what kind of work are the students being trained	Scientific and technical librarians



Examinations

Oral and written examinations after each year of study and final exami-

nation

Degrees or other qualifications

granted

Diplôme de Bibliothécaire-Documen-

taliste French

Language of lectures

Tuition fees

500 BF/year

Number of trainees In September 1

In September 1967: 9 graduates In September 1968: 10 graduates

Other data

Lectures on automatic documentation

are intended.

LIEGE

Université de Liège, Bureau d'Organisation Technique (B.O.T.) (University of Liège, Bureau of Technical Organization), 55 Avenue des Tilleuls, Liège

Director: (Mme) E. Sauvenier-Goffin

Year of foundation of the course: 1964

Programme

- The organization of documentation: international, national and specialized institutions
- Conventional files and bibliographies: principles, terminology, advantages and disadvantages; updating, production, dissemination, and translation problems
- 3. Mathematical and physical bases for documentation techniques
- 4. Traditional indexing key-words and descriptors
- 5. Classification systems
- 6. Thesaurus documentary languages
- 7. General principles of "file" organization
- Types of "file" organization, conventional and new storage devices (various types of card, punched tapes and cards, magnetic storage devices, films)
- Data storage for various devices, equipment used, advantages and disadvantages
- 10. Searching
- 11. Storage of text
- 12. Automatic searching (by computers, by photographic selectors):
 general principles, types of memory system, sample programmes
- 13. Mechanized production and printing of bibliographic tools machines for handling tapes and cards, photo-listing machines, and computers. Examples of indexes and current bibliographies
- 14. Automatic reading prospects
- 15. Mechanized systems applicable to library and documentation work in a university
- 16. Modern reproduction systems

In addition to the lectures, practical exercises are given to show how to handle the various types of file, as well as the machines used at the B.O.T., such as:

- 1. An IBM 870 Document Writing System (with 836 control unit, 866 type-writers, and 961 tape punch). This machine can produce punched-card, 8-channel paper tape, and printed document output; it can convert paper tape to card and vice-cersa; it can be programmed by card punch keyboard; function and format are determined by control panel wiring.
- A Flexowriter 2201 (8-channel paper tape) with auxiliary reader, formats and selective printing can also be programmed.

Type of training
Conditions of admission
Duration of training
For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted

Language of lectures Tuition fees

Financial aid for trainees Number of trainees Other information Regular course in documentation

University degree

30 hours

Present and future heads of documentation units and other university staff

Yes

None

French

400 BF + ca. 150 BF for examination fee

No

Ca. 10 per year

The Computation and Information Processing Centre of the University ("Centre de Calcul et de Traitement de l'Information", "CECTI") has organized its own advanced courses in: computer technology, FORTRAN programming and machine language: Its team on a second mathematic cians co-operate with the various serve and the end agree agree good iguniversity departments in solving their specific problems. In its task of organizing the gradual conversion of the university libraries into documentation units, the staff of B.O.T. work in close connection with the staffs of the various documentation units and provide practical training. The gas completely by

BRAZIL

Besides the courses organized by the Brazilian Institute of Bibliography and Documentation there are no separate courses in documentation in Brazil. The subject is only taught in library schools. There are 14 library schools in Brazil which are listed below: 12 schools in universities, two independent. They provide training in library and documentation. "Documentation" is one among ten disciplines that all schools are obliged to teach since 1962. "Documentation" is taught in one year, generally in the third year.

The Ministry of Education and Culture obliges all universities to have a "curriculum minimum". Schools, therefore teach other disciplines but respect the "curriculum minimum". All library schools in Brazil have a three-year curriculum with daily attendance from 1st March to 15th December.

"Curriculum minimum"

- 1. History of books and libraries
- 2. History of literature
- 3. History of art
- 4. Introduction to historical and social studies
- 5. Evolution of philosophy and scientific thought
- 6. Libraries, organization and administration
- 7. Cataloguing and classification
- 8. Bibliography and reference
- 9. Documentation
- 10. Palaeography

Programme of documentation

- 1. Library science and documentation
- 2. Concepts of documentation and documents
- 3. Documentation, bibliography, study of archives and museums, etc.
- 4. Documentation and information, theory of information
- 5. Classification of documents
- 16. Graphic documentation, origin, objectives, importance and concep-
- 7. Documentation and bibliographic organization
- 8. Documentation as production, assembly and diffusion of graphic makeroods and each beauties and graphic
- 9. Standardization of documentation. International Organization of Standardization and its Technical Committee 46. Brazilian Standardization Association of Technical Standards and its Committee of Documentation
- 10. Brazillan standards in the field of documentation NB-60, NB-61, NB-62, NB-69, NB-83, NB-85, NB-87, TB-43, PNB-66
- 11. Preparation of documents. Format of the paper. Editing
- 12. Assembly of documents
- 13. Universal Decimal Classification. FID/CCC and IBBD/CDU
- 14. Essential elements of documentation: library, archives, film files, disc files, map files
- 15. Diffusion of documents

- 16. Bibliographies and bibliographic indexes. Microfilms and microcards. Translations
- 17. Reproduction of documents
- 18. Machines. Photographic, heliographic, thermal, electrical apparatus. Mechanics of reproduction
- 19. Mechanical selection of documents
- 20. Storage and retrieval of information
- 21. Abstracting, reference, cataloguing, etc., services
- 22. Applied bibliographic research
- 23. Documentation on the national plane. IBBD
- 24. Documentation on international plane. FID
- 25. Organization and administration of documentation services and centres
- 26. Specialized bibliography on documentation

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

List of training facilities offering courses in Library Science and Documentation

Universidade do Pará, Curso de Biblioteconomia, Avenida Governador José Malcher, 1327, Belém, Pará

Library Science

Degrees or other qualifications Diploma de Bibliotecario granted

BELO HORIZONTE

Universidade de Minas Gerais, Curso de Biblioteconomia, Cidade Universitaria - Pampulha, Caixa Postal 1906, Belo Horizonte, Minas Gerais

Library science

Degrees or other qualifications Diploma de Bibliotecario granted

BRASILIA

Universidade de Brasilia, Curso de Biblioteconomia, "Campus" Universitário Asa Norte, Brasilia, D.F.

The second of

Library science

Degrees or other qualifications Diploma de Bibliotecario granted

CAMPINAS ...

<u>Universidade Catolica de Campinas, Faculdade de Biblioteconomia de</u> Campinas,

Rua Marechal Deodoro 1099, Caixa Postal 317, Campinas, São Paulo

Library science

Degrees or other qualifications granted

Diploma de Bibliotecario

CURITIBA

Universidade do Paranã, Curso de Biblioteconomia e Documentação, Rua General Carneiro 460, Curitiba, Paraná

Library science and Documentation

Degrees or other qualifications granted

Diploma de Bibliotecario-Documentalista

FORTALEZA

Universidade de Ceará, Curso de Biblioteconomia e Documentação, Fortaleza, Ceará

Library science and Documentation

Degrees or other qualifications granted

Diploma de Bibliotecario

NITERÓI

Universidade Federal do Estado do Rio de Janeiro, Escola de Biblioteco-

Rua Coronel Gomes Machado 74, Prédio da Reitoria da Universidade Federal do Estado do Rio de Janeiro, Niterói, Estado do Rio de Janeiro

Library science

Degrees or other qualifications granted

Diploma de Bibliotecario

PÔRTO ALEGRE

Universidade do Rio Grande do Sul, Escola de Biblioteconomia e Documentação,

Avenida João Pessoa 52, Pôrto Alegre, Rio Grande do Sul

Library science and Documentation

Degrees or other qualifications Bacharel em Biblioteconomia granted

RECIFE

Universidade do Recife, Curso de Biblioteconomia e Documentação, Avenida Conselheiro Rosa e Silva 1350, Recife, Pernambuco

Library science and Documentation

granted

Degrees or other qualifications Diploma de Bibliotecario-Documentalista

sa az nár adit jednéh skuda akagy segy



RIO DE JANEIRO

Instituto Brasileiro de Bibliografia e Documentação - IBBD (Brazilian Institute of Bibliography and Documentation), Av. General Justo 171, térreo, 3º e 4º andares, Rio de Janeiro, Guanaba-ra

President: Prof. C. Ribeiro Zaher

Course in_scientific documentation

Programme

Academic subjects:

- 1. Philosophy and history of science
- 2. Cultural anthropology
- 3. Introduction to social sciences
- 4. Communication theory

Technical subjects:

- 1. Information analysis and control
- 2. Techniques of bibliographical research
- 3. Mechanization of information systems
- 4. Classification
- 5. Cataloguing
- 6. Organization and administration of information services
- 7. Reprography

Type of training

Conditions of admission

Are foreign participants allowed

Duration of training

For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted

Language of lectures

Tuition fees

Number of trainees

Other data

Course of scientific documentation

University degree

From South American countries

9 months

Documentalists, information workers, research workers, librarians

Practical work, monthly. Two final examinations

Certificate of specialization in scientific documentation

Portuguese...

Free

Since 1955: 285

The Gourse of Scientific Documentation was created in 1955, and since then has had the following specializations: technology, medical sciences, physics and mathematics, agricultural sciences, geology, chemical sciences, social sciences, natural sciences.

RIO DE JANEIRO

Curso de Biblioteconomia da Biblioteca Nacional, Avenida Rio Branco 219/239, Rio de Janeiro, Guanabara

Library science

Degrees or other qualifications

Diploma de Bibliotecário

granted

RIO DE JANEIRO

Pontificia Universidade Católica de Rio de Janeiro, Escola de Biblioteconomia e Documentação "Santa Ursula",

Rua Farani 75, Botafogo, Rio de Janeiro, Guanabara

Library science and Documentation

Degrees or other qualifications granted

Diploma de Bibliotecario-Documenta-

lista

SALVADOR

Universidade da Bahia, Escola de Biblioteconomia e Documentação, Avenida Araújo Pinho 22, Salvador, Bahia

Library science and Documentation

Degrees or other qualifications

Bacharel em Biblioteconomia

granted

SAO CARLOS

Escola de Biblioteconomia e Documentação de São Carlos, Avenida Dr. Carlos Botelho 1465, São Carlos, São Paulo

Library Science and Documentation

Degrees or other qualifications granted

Diploma de Bibliotecario-Documenta-

lista

SAO PAULO AR SESSION EL ESPARA CONTRARA ESSE

Universidade de São Paulo, Escola de Biblioteconomia da Fundação Escola de Sociologia e Política de São Paulo,

Rua General Jardim 522, Caixa Postal 7656, São Paulo

Library science

erro a har Total Photos a vigit

refree (Lantschädigs) dere (Liche V.) Besteram (Vegotoog is birse) zu dere d Dereman Vegotoof de Pool (Liche)

Degrees or other qualifications Bacharel em Biblioteconomia granted

BULGARIA

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION SOFIA

Sofijski Universitet "Kliment Ohridski" (Kliment Ohridski University in Sofia), Chair of Library Science and Bibliography, Department of Philosophy and History,

Sofia

Professor: T. Borov

Year of foundation of the courses: 1965

Specialization: Scientific information

GRADUATE

Programme	Full time coul	Extra-mural r s e s hours
		nour 3
1. Organization of librarianship in Bulgaria	15	4
Description, entries and classi-		
fication of publications	90	30
3. Introduction to bibliography	90	30
4. General bibliography 5. Introduction to history and classification of sciences. Special biblio-	∞90	30
graphy	-	4
6. Organization and tasks of scientific		
information 7. Theory and methods of scientific in-	30	
formation	180	45
8. Mechanization of informational acti-		그 나는 독일하다
vity (incl. mechanical translation) 9. Informational and bibliographic activity	and the first of the second of the second	15 4
10. Applied book science and reprography 11. A western language	30 225	3
TIT IT HOSTONIA TUNGGUGG	-22	

Type of training

Courses in information science as a part of the curriculum in library science (Chair of Library Science and Bibliography)

arthury of the fraction Wally with Annaging that

Conditions of admission

For full-time studies students of the first year of higher technical, agricultural and medical schools are admitted Graduates from higher schools are admitted to the extra-mural studies



Are foreign participants allowed	No
Duration of training	Full-time studies: 7 semesters; extra-mural courses: 4 semesters
For what kind of work are the students being trained	Different types of information worker, subject information specialists special librarians
Examinations	Full-time studies: 8; extra-mural courses: 9
Degrees and other qualifications granted	Information scientist in the Laboratory
Language of lectures	Bulgarian
Tuition fees	Free
Number of trainees	12 persons completed studies in 1968
Other data	Plans for improving the system of training the information workers are under discussion. A new programm of graduate tuition has been sugges-
$K_{ij} = 0$, where $K_{ij} = 0$, we have $K_{ij} = 0$.	ted. The draft programme anticipates a reduction in the total of tuition
	hours to 650, a considerable reduc- tion in hours devoted to library
	and bibliography work and the addi-
	tion of new subjects, such as mathematical logic, programming and others
<u>sor</u>	raideag FIA may karakan ya mari da peksengeni da d
Centralen Institut po Naučno-Tehniče	eska i Ikonomičeska Informacija
(Central Institute for Scientific, 7 ul. "7 Noemvri" No. 1, Sofia	echnical and Economic Information),
Director: Eng. Arsenov	त्र के विकास के लिखा है है जिस के प्रिकार के किया है है है है जिस है है है जिस है ह
Programme of a 5-days introductory of	ourse for information workers
	Agenty is f hours a figure
1. Organization of scientific, tech information 2. Collection of information materi	
 Information on patents Information on standards 	2
 Analytical and synthetical trea- Information services. Systems of 	information retrieval 2
7. Principles for mechanization of	information processing,
storage and retrieval 8. Reprography	2
9. Information on trade literature	하는 시스를 들어 보고 있다. 그런 그를 보고 있다. 그런
10 Planning of information activiti	os and reporting

	hours
11. Practical work:	
a) Classification by UDC	2
b) Handling of punched cards an	
c) Reprography	2
Programme of a 10-days advanced cou	rse for information workers
1. Organization of scientific and	technical research in
Bulgaria	3
2. Organization of scientific and	technical information
in Bulgaria and abroad 3. Collection of information mater	3
4. Information from unpublished so	ials 3 urces 2
5. Universal Decimal Classificatio	n 2
6. Planning and reporting of the a	ctivities of informa-
tion centres	2
7. Systems of information retrieva	
8. Fundamentals of bibliography	3
9. Fundamentals of mechanization a	
formation activity 10. Edge-notched cards	2
11. UNITERM cards and peek-a-boo ca	2 rds 2
12. Information on patents	2
13. Methods and devices for reprogr	aphy 2
14. Practical work:	
a) Deamanachu	
a) Reprographyb) Classifying by UDC	2
c) Coding and working out of an	edge-notched card 2
d) Handling of UNITERM cards an	d edge-notched cards 2
Type of training	Courses
Conditions of admission	Higher school graduates in technical
	or economic sciences, specialists in agriculture, medicine, etc., who
	are engaged in information activity;
	sometimes also those with secondary
	education only
Are foreign participants allowed	No No
Duration of training	5 and 10 days
For what kind of work are the students being trained	Workers in information centres
Examinations	None
Degrees or other qualifications granted	Certificate of completing the course
Language of lectures	Bulgarian
Tuition fees	Free

Number of trainees Other data

50 to 100 yearly

Courses of 2 types are planned:

- a) lasting 1 month, for training of new workers in information services; and
- b) lasting 2 months, for advanced training of persons who have already been engaged for some time in information work

population by a part

And the state of the control of the



CANADA

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

MONTREAL

McGill University, Library School,

Montreal

Director: Prof. V. Ross

Year of foundation of the School: 1931 (the B.L.S. degree was first conferred)

POST-GRADUATE

Course for Master in Library Science

Programme

First year

- 1. History of libraries
- 2. Profession of librarianship
- 3. Cataloguing and classification4. Technical processes
- 5. Reference materials and methods
- 6. Selection and use of books and related materials
- 7. Communication media and the library

Second year

- 1. Administration
 - a) public library and the community
 - b) college and university libraries
 - c) special libraries
- 2. Library planning and equipment
- 3. Research methods
- 4. Research paper
 - Research project
 - 5. Advanced bibliography and reference methods
 - 6. Problems and developments in cataloguing and classification

 - 7. Government publications 8. Archives and records in libraries
 - 9. Data processing and equipment
- Library applications of data processing 10. Library collections assessment and development
- 11. Business literature
- 12. Scientific and technical differature of the last and the second seco
- 13. Library materials and service for children, for young people in school and public libraries

 14. History of the manuscript and printed book

Type of training

Conditions of admission

Graduate library school

tions and the group architects to this confidence that the closely is the

1) Bachelor degree from an approved university. This degree must re-



Duration of training For what kind of work are the students being trained Degrees or other qualifications granted

Language of lectures Tuition fees

Financial aid for trainees

present four years of study 2) Knowledge of at least one language other than English

Two years

Librarians of university and college, public, school and special libraries Master of Library Science

English

\$ 640 (including library visits) \$ 300 for students from McGill University

Scholarships:

- 1) Two annual scholarships of \$ 400 each in honour of Dr. G:R. Lomer, former Director of the Library School
- 2) The Grolier Society Scholarship,
- \$ 250 alternate years
 3) The Ethelwyn M. Crossley Scholarship Fund, founded in honour of a former student of the school. Women students are given prefe-
- 4) The Elizabeth G. Hall Scholarship Fund, founded in memory of a former member of the McGill University Library staff

5) McGill University Library School Alumni Scholarship, \$ 300.

These awards are made, after due investigation and recommendation, to deserving students who require financial assistance to take the course. Application should be made to the Director of the School before Mayo,1es, Frago toso que absersa que fiso √€

াল এই প্রায়লৈ (১৮ জিনু) জনির্ভাটি লাই মাধ্যমানী

MONTREAL

Université de Montréal, Ecole de Bibliothéconomie (University of Montreal, School of Librarianship), A survey when a stronger and discovered by C.P. 6128, Montreal 3 lands reseal to a rail goal lakes on ears. Delaying better was

Director: L.-G. Denis

Year of foundation of the courses: 1961

general se by Ellis Albandar I san

POSTGRADUATE TO THE TOTAL OF A SECRETARIA SECURITION OF A

The School of Librarianship provides one or two year full-time courses



Course of one year

Programme	hours
 Librarianship Library internal services: 	45
selection of documents 3. Library internal services:	45
classification and cataloguing	45
4. Library external services	45
5. Cultural role of the book and of libraries	45
	225
Optional courses	:
A 1. Reference and bibliography - basic sciences	1.80 (1.35)
and applied sciences	45
A 2. Reference and bibliography - social sciences	45
A 3. Reference and bibliography - human sciences	45
B 1. Public libraries	30
B 2. Public libraries for children	30
B 3. School libraries	30
B 4. College libraries	30
B 5. University libraries	30
B 6. Special libraries	30
B 7. Organization and work of the cataloguing ser-	
vice .	30
B 8. Audio-visual documents B 9. Official documents	45
	45
B10. Books and reading for children	30
B11. Books and reading for adolescents	30
B12. Books and reading for adults	30
B13. Indexing	15
B14. Electronic systems for processing of informa-	
tion in libraries are supposed.	30
and the transfer of the secretary and the secretary	1.00
Course of two years	•
Programme	
1. Librarianship	ិទ្រ បាននិងតែនាថា -
2. Cultural role of the book and of the nation	45
2. Cultural role of the book and of libraries3. Library external services	ა <mark>45</mark> ებიდე გექ 45
4. Economic and social development of Canada seeds to be	45
5. Introduction to Canadian-French Literature	
	15
7. Structure and methods of sciences	. 15 30
8. Elements of administration and organization	30 34 5 3830 885
9. Fundamentals of sociology	-45 -30 umama
10. Social organization and culture of the Pro-	The state of the s
vince of Quebec	30
하는 것이 되는 것이 하는 것이 하는 것이 되었다. 그들은 사람들은 보는 것이 되었다. 그는 것이 되었다. 그는 것이 되었다. 사람들은 것이 가장하는 것이 되었습니다. 그 것이 되었다. 그런 사람들은 것이 되었습니다.	330

	hours
Second year	<u>.</u>
 Internal services of the library selection of documents 	/: 45
2. Internal services of the library	· . · · ·
classification and cataloguing	45
3. Introduction to Canadian-English	literature 15
4. Canadian political institutions	30 45
5. Introduction to computers	45
	180
Optional courses	
C 1. Reference and bibliography - h	basic sciences 45
and applied sciences C 2. Reference and bibliography - s	
C 3. Reference and bibliography - h	, , , , , , , , , , , , , , , , , , , ,
	30
D 1. Public libraries D 2. Public libraries for children	30
D 3. School libraries	30
D 4. College libraries	30
D 5. University libraries	30
D 6. Special libraries	. н
D 7. Organization and work of the	
vice	30. 40. 40. 40. 40. 40. 40. 40. 40. 40. 4
D 8. Audio-visual documents D 9. Official documents	45
D10. Books and reading for children	
D11. Books and reading for adolesce	
D12. Books and reading for adults	
D13. Indexing	njeratorija prijesti sprim sakoba 15. primba se prijesti s
D14. Electronic systems for process	
tion in libraries	30
•	and commenced a series of the entry leader.
Type of training	Academic study in Library Science.
	Information Science is offered as part of the Library Science curri-
$(A_{ij}, A_{ij}, A_{$	culum sessessis
~ 1 0 7 1 .	
Conditions of admission	B.A. or acceptable higher universi-
The second secon	ty degree
Are foreign participants allowed	Pyeses reset est to determine stills
Conditions of admission	Yes and entitle which the control of
Conditions of admission	Yes Knowledge of French and English and graduation from a university
Conditions of admission Duration of training For what kind of work are the	Yes Knowledge of French and English and graduation from a university One or two years full-time Scientific and technical librarians,
Conditions of admission Duration of training For what kind of work are the students being trained	Yes Knowledge of French and English and graduation from a university One or two years full-time Scientific and technical librarians, specialists in classification
Conditions of admission Duration of training For what kind of work are the	Yes Knowledge of French and English and graduation from a university One or two years full-time Scientific and technical librarians, specialists in classification During the education and final writ-
Conditions of admission Duration of training For what kind of work are the students being trained	Yes Knowledge of French and English and graduation from a university One or two years full-time Scientific and technical librarians, specialists in classification



Degrees or other qualifications

granted

théconomie)

Language of lectures

French

Tuition fees

\$430 per year

Financial aid for trainees

4 scholarships of \$ 400 to \$ 450

nei pai napai je apaji diteran.

ेर्ड्ड विदेशके विस्तृति होते आधार के स्थान व्यक्त स्थानक्रिकार के मेर्बियु जनगणित्य

sample is a real field many condition than a committee.

B.Bibl. (Baccalauréat en Biblio-

Number of trainees

53 graduates (1967/68)

OTTAWA

University of Ottawa, Library School,

Ottawa 2, Ontario

Director: A.-M. Morisset, O.M.I., B.A., L.D.C., B.L.S. (Col.), M.L.S.

Year of foundation of the School: 1938

POST-GRADUATE

The Library school offers two programmes: one leading to the Bachelor of Library Science degree; the other to the Master of Library Science degree.

Programme

A. leading to the B.L.S. degree

- 1. Introduction to library science
 - 2. Cataloguing and classification
 - 3. Reference work and bibliography
 - 4. History of books, printing and libraries
 - 5. Communication and the library
- 6. Technical services
- 7. Bibliographical and research methods
- 8. School, children's and youth libraries
- 9. College and university libraries
- 10. Hospital libraries
- 11. Special libraries
- 12. Literature of the humanities
- 13. Literature of the social sciences
- 14. Literature of the sciences
- 15. Library:organization:and.administration:

a A lateral establic

- 17. Serials and government publications

Practical work:

- Each student is required to undertake supervised library work for one hour a week
- Each student taking the full-time course is required:
 - a) to have acquired approximately four weeks of supervised library
- experience before the end of the second semester
 b) to have completed during the second semester two continuous weeks of supervised practice work in a library before graduation

B. leading to the M.L.S. degree

- 1. Palaeography E
- 2. Archives E
- 3. Biblio-psychology and biblio-seciology
- 4. Cultural development of Canada
- 5. Research in librarianship E
- Documentation E
 Aims and procedures, indexing, abstracting, information of bibliographical work, utilization of recorded knowledge

Type of training

Conditions of admission

Academic study in library science

- A. Bachelor's degree or its equivalent, obtained from a recognized university or college
 - Each candidate must submit to an interview with a representative of the School
- B. Master of Library Science a Bachelor of Library Science is a prerequisite
 - Some knowledge of Latin and other languages is desirable

Are foreign participants allowed Conditions of admission

Duration of training

For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted

Yes

Same as Canadian students but candidates whose mother language is neither English non French must undergo special tests

B.L.S. - two semesters M.L.S. - one year

Librarians, special dibrarians, documentalists to improve part of the com-

B.L.S. – semester and final written examination
M.L.S. – Master's thesis

Bachelon/of-Library Science, Master

- a) Requirements for degrees are based upon the point or credit system of describing the student's course work. A credit is allotated to each semester-hour of iectures)
- b) The Bachelor of Library Science

 the state of the stat

Two elective courses are required. These are indicated by the letter E following the course number: Set was astrong has tracked to

completion of the necessary practice work

c) The Master of Library Science degree requires 36 credits including the 30 taken for the Bachelor of Library Science degree. In addition the candidate must present a thesis

d) The time limit allowed for parttime students for the completion of requirements for the degree of Bachelor of Library Science is five years

 e) The time limit allowed for the completion of requirements for the degree of Master of Library Science is three years

Language of lectures

Tuition fees

Financial aid for trainees

French and English

For B.L.S. - \$ 518, for M.L.S. - \$ 418 Direction of theses \$ 100

Scholarships and Bursaries:

a) The Grolier Society of Canada

- b) Les Editions Françaises Inc. (Larousse) - \$ 300 (three bursaries of \$ 100 each)
- c) Luxfer Ltd., London, England 7 \$ 100
- d) Morrison-Lamothe Bakery Ltd. -\$ 100
- e) Ontario Department of Education Provincial and Dominion-Provincial Student-Aid Bursaries, Type B. Maximum value \$ 500. Apply after registration in September
- f) Government of the Province of Quebec Bursaries. Maximum \$ 500, renewable for candidates resident in the Province of Quebec for 5 years (60% grant, 40% loan). Applications concerning the bursaries are obtainable at: Le Service de l'Aide à la Jeunesse, Section des bourses, 30 rue Saint-Louis, Quebec, P.Q. Application for renewal should reach the Office of the Registrar before August 15

TORONTO

University of Toronto, Library School, Ontario College of Education, 371 Bloor Street West, Toronto 5

Director: Prof. B. Bassam

Year of foundation of the School: 1928

POST-GRADUATE

Course leading to the degree of Bachelor of Library Science

Programme

Required subjects

- 1. Library collections
- 2. Library collections in special fields
- 3. Bibliography and reference materials
- 4. History of books and printing
- 5. Cataloguing
- 6. Classification
- 7. Library records and methods of procedure
- 8. Contact with readers and advisory services
- 9. Library service
- 10. Library administration

Elective subjects

- 1. Literature for boys and girls
- 2. Story telling
- 3. Literature for young people
- 4. Modern fiction
- 5. Bibliography
- 6. Advanced cataloguing
 7. Advanced classification
- 8. Libraries for boys and girls
- 9. College and university libraries 10. Public libraries
- 11. School libraries
- 12. Special libraries

Course leading to the degree of Master of Library Science

Programme

- 1. Bibliography and reference service: books and materials
- 2. Bibliography and reference service: methods
- 3. Cataloguing and classification
- 4. College and university library collections
- 5. College and university library administration
 6. Public library collections
 7. Public library administration

 - 8. Special Libraries
 - 9. Government publications
 - 10. History of books and printing

- 11. Social science literature
- 12. Methods of research
- 13. Research project

Tupe of training Conditions of admission

Duration of training

For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted

Language of lectures Tuition fees

Financial aid for trainees

Graduate library school

- 1) A candidate for the degree of B.L.S. must be a graduate of an approved university
- 2) A candidate for the degree of M.L.S. must hold the degree of B.L.S. from this University, or its equivalent from an accredited library school

A reading knowledge of one modern language is required

- 1) B.L.S. one year
- 2) M.L.S. one year

University, school, business, science, technical, government, hospital, newspaper and public librarians

During the studies and final examinations. A research project must be presented for the M.L.S. degree

Master of Library Science (M.L.S.) i and the constituted by

English ***

B.L.S. - men \$ 303, women \$ 278 M.L.S. - men \$ 475, women \$ 455

Scholarships:

- 1) The Winifred G. Barnstead Scho-
- The wintied of barnstead School Decision (Communication of Canada of Scholarship) and the control of Canada of Scholarship of Canada of Scholarship
 - 3) The Anne Hume Bursary
 - 4) The Ontario Federation of Home producted whom Not in the figure of their m and School Associations
 - 5) The Ontario Dept. of Education

e-Mood reader (64)

6) The George H. Locke Memorial Scholarship

week 12 years in the safety at a TORONTO

University of Toronto, School of Library Science, 167 College Street, Toronto 28, Ontario

ද විවේදන උපහස් සෙවරය

Director: Prof. R.B. Land

Year of foundation of the School: 1928

- garga. Pater and miletima conservation

तिका महाक्षेत्र का जानको हुनु केने में एक एके हा कि है।

then expressionly bear boarning on the

POST-GRADUATE

Programme	hours/week
Bachelor of Library Science 1. Bibliography and reference 2. Cataloguing and classification 3. Library collections in the humanities 4. Library collections in the social sciences 5. Library collections in science 6. Organization of library materials 7. The library and the computer 8. Introduction to documentation 9. Special libraries	3 3 2 2 2 2 2 2 2 2
n di Germania di Santa di San Santa di Santa di Sa	20
Master of Library Science	gradise <mark>n</mark> et selvices. S
 Bibliography and reference service: books and materials Cataloguing Subject analysis of library materials Documentation methods Automation of library processes Documentation theory 	2 1 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2
7. Library systems 8. Government publications 9. Research collections in Canadiana 10. Library systems 11. Library systems 12. Library systems 13. Library systems 14. Library systems 15. Library systems 16. Library systems 16. Library systems 17. Library systems 18. Government publications 19. Research collections 19. R	2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
10. Literature of the social sciences 11. Science information 12. Librarianship in the health sciences	2. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19

Type of training

Conditions of admission

polite politica de alto alto activita e ti-

transport to account approach and 18 approach and 18

Academic study in library science. Information science is offered as part of the library science curriculum

grandenik vij 3**24**, tabakasita

- For Bachelor of Library Science programme: graduation with satisfactory standing from a regular university degree course approved as to entrance requirements and course content
- For the Master of Library Science programme: B.L.S. degree from the University of Toronto with at least second-class standing or its equivalent from an approved library school

a tise had not a formed managed the dept

^{* =} Half-year courses

Are foreign participants allowed

Conditions of admission

A limited number of foreign students is accepted

Reference is given to those who have high academic standing and who do not have facilities for library education in their own countries

Duration of training

- B.L.S. programme: full-time, Sept.-May (35 weeks) (no part-time stu-
- M.L.S. programme: full-time, Sept.-April (30 weeks) (part-time students accepted)

For what kind of work are the students being trained

Subject information specialists, specialists in classification, cataloguing, reference, bibliography and the mechanization of library processes and procedures. Special librarians including scientific and technical librarians

Examinations

Written examinations (depends on individual course) and final examinations for haif-year courses

Degrees or other qualifications granted on a sile of an in the

- Bachelor of Library Science de-- Master of Library Science degree

Language of lectures

- English

Tuition fees

- B.L.S. programme: men \$ 303, women - \$ 278
 - M.L.S. programme: men \$ 478, women \$ 458

Financial aid for trainees

ite al residentada, for it coltisal

or halfar of the art material

Various scholarships, fellowships, and government loans and bursaries are available for Canadian students and landed immigrants. Financial assistance is not generally available to newly-admitted overseas students. Foreign students should be prepared to meet their expenses THE RESERVE From their own resources 1967/68:

Number of graduates

- B.L.S. graduates 191
- M.L.S. graduates 83

VANCOUVER

11110	DOTEIX
The University of British Columbia, Vancouver 8	School of Librarianship,
Director: Dr. S. Rothstein	
Year of foundation of the School: 19	961
POST-GRADUATE	
Programme	·
Courses immediately relevant to doc include:	
	hours/week
 Introduction to automation Cataloguing and classification Reference and bibliography Advanced reference and bibliogra Advanced cataloguing and classif Literature and bibliography of stechnology Literature and bibliography of the state of t	phy 3 ication 3 cience and 3 he humanities
and social sciences 8. Technical services in libraries 9. Special libraries	3 × 3 (1991) (1991) 3
Type of training	Academic study in library science. Information science is offered as part of library science curriculum. Courses are offered in the School of Librarianship, a department of the Faculty of Arts
Conditions of admission	Graduation from a recognized uni- versity with second class standing and two years of a foreign language at the university level
Are foreign participants allowed	Yes Conditions to the Condition
Conditions of admission	Same as for Canadian students
Duration of training	One academic year
For what kind of work are the students being trained	Scientific and technical librarians
Examinations of section of the secti	Written final examinations in all courses taken
Degrees or other qualifications granted	Bachelor of Library Science
Language of lectures	English
Tuition fees	\$ 503/year

Financial aid for trainees

Government of British Columbia scholarships, Government bursaries, Canada student loans, National Research Council of Canada fellowships, Civil Service Commission fellowships

Number of trainees

1967/68 - 84 degrees awarded

Other data

Occasional workshops and seminars for working librarians have been offered. No more than one or two per year

Plan for other types of course in 1969-1970:

Expansion to a two-year curriculum leading to the Master of Library Science degree (M.L.S.) is in the planning stages, with a target date of 1970/71

Anter escribations of the control of the light sector of the control of the contr

The color of the c

arthresian about our of music, to be training of

garanop autremedist bee vigangolissid tänoissa Ni

epuntae medin (e auliosise labiadas () abuer teknelong (a

Tribonitan mento (2

වේ ව්යතය වෙන්නම පුළෙන්නේ සිදු දැනුලෙන

COLOMBIA

TRAINING !NSTITUTIONS, CURRICULA AND OTHER INFORMATION

MEDELLIN

Escuela Interamericana de Bibliotecologia, Universidad de Antioquia (Interamerican School of Library Science, University of Antioquia),
Medellin

Director: L. Floren

Year of foundation: 1956

GRADUATE

Programme

- 1. Documentation and its aims
- 2. Scope of documentation
 - a) special documentation
 - b) the library
 - c) documentational, administrative and historical archives
 - d) museums
 - e) bibliographies and non-bibliographical material
 - f) encyclopedias
- 3. Methods of documentation
- 4. Documentation centres
- 5. History of documentation
 - a) origin
 - b) documentation in Europe and North America
 - c) documentation in Latin America
 - d) documentation in Colombia
- 6. International organizations of documentation
 - a) FID
 - b) IFLA
- 7. The document, its kinds and forms
- 8. Classification and document retrieval
- 9. Bibliographical service and writing of information reports
 - a) kinds of indexes:
 - b) information publications
 - c) translations
 - d) information service
- 10. Reproduction of documents and their production
 - a) typography
 - b) secondary documents
 - c) other methods
- 11. Mechanical selection
 - a) perforated cards
 - b) cards with perforated edges
 - c) other methods
- 12. National bibliography and information centres

- 13. Sources of documentation in Latin America
 - a) present state
 - b) means of utilization
- 14. Stages of work in documentation
- 15. Teamwork
 - a) organization
 - b) work standards

Type of training

Conditions of admission

Are foreign participants allowed

Duration of training

For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted
Language of lectures

Number of trainees
Other data

Academic school of library science; documentation is included in the curriculum

A secondary school leaving certifi-

Yes, from Chile, Paraguay, Honduras, Bolivia, Venezuela, Equador

Three years

Librarians and documentalists

Competitive entrance examination and final Master of Arts examination
Licenciados en Bibliotecología

Spanish

About 20 persons per year

the live to the state of the st

The School also organizes 4-month courses for librarians of agricultural and medical libraries as continuation training courses

COSTA RICA

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

La Biblioteca Commemorativa Orton del IICA, in Turrialba offers each year course for persons working in the libraries of national institutions as for example, Ministry of Agriculture, Faculty of Agricultural Sciences, experimental stations of other agricultural institutes.

Director: 0. Lenvayova

Duration of training

6 months

Number of trainees

8 per annum

CUBA

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

HAVANA

Instituto de Documentación e Información Científica y Técnica (Institute of Documentation and Scientific and Technical Information), subordinated to the Cuban Academy of Sciences, Havana

The institute of Documentation (IDICT) organized a series of conferences in 1964 for the personnel of information centres. The subjects covered by the lectures were as follows:

- 1. Information and documentation, their significance to the development of science and technology
- 2. Actual problems of the methodology of information and documentation 3. Primary sources of information:
- scientific and rechnical literature
- 4. Secondary sources of information: abstracts journals

ADDITIONAL INFORMATION

The IDICT and the "José Martí" National Library organized training courses in 1965 for the personnel of Information services and librarians of special libraries.

The opening of a <u>Library School</u> at the <u>University of Havana</u> is also being planned, at which lectures are to be held on documentation and information.

na ing manakan di kabupatèn di k Kabupatèn kabupatèn di kabupatèn

i, Mordon and a dide on acidatific, repheloni

3. Egrablischent of balbenisch information agen

t, Irioselyanion of intervalent processing of

to Payonalise of Vestorone bee yesteroves .. cell math bisseppe see tooligiber). Scientificular technical licison work

replace landrage to once before it so, such lack to, of of more and isolated, pullityping of acto

er a contr

าคล วันสามร์ชา สร้างอะสสต์ หรือ

S. Theory of information evenue.

Signification of

endine morning

Created Apole

CZECHOSLOVAKIA

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

BRATISLAVA

Universita J.A. Komenského - Katedra knihovníctva a vedeckých informá-cii (Comenius University - Chair of Librarianship and scientific infor-mation),

Gondova 2, Bratislava

Director: \$. Pasiar, Ph.D. (Associate Professor)

Year of foundation: 1967

POST-GRADUATE

	Term	
Programme	Winter hours	Summer
First year		2
1. Scientific information in modern society 2. Introduction to systems theory - mathema-	6	
tical logic 3. Organization of science and scientific re-	6	6
search	6	
4. Technical development and the use of scien-	· · · · · · · · · · · · · · · · · · ·	
tific knowledge 5. Systems of libraries and information centres in the CSSR and abroad	6	6
6. Establishment and organization of information	; D	. : 6
collection	• • • •	6
7. Bibliography	6 .	
8. Information analysis 9. Classification of information	6	_
10. Fundamentals of computer engineering and		6
programming		6
11. Marxist philosophy (compulsory only for graduates who graduated before 1968)	6	
12. Political economy		6
Second year 1. Mechanization aids in scientific, technical		
and economic information2. Practical course in the use of mechanization aids in scientific, technical and economic	6 .:	6
information 3. Establishment of mechanized information ho!	6	6
dings (files)	6	
4. Investigation of information; processing of results		6
5. Theory of information systems	6	6
6. Psychology and sociology in scientific,	ŭ	J.
technical and economic information	6	
7. Scientific and technical liaison work	6	

Optional subjects (the student is obliged to take at least two)

	Winter hours
a) creation of a special terminology	6
b) Scientific and technical publications -	rules
of editing	6
c) Inventions and patents	6
d) Technical standards	6
e) Audio-visual devices and methods of the	
plication in scientific, technical and e	econo-
mic information	6
f) Reproduction techniques	6
g) Scientific information in social service	es 6
h) Scientific information in agriculture	6

Type of training

Conditions of admission

Post-graduate extra-mural study

The course is intended for graduates in other branches than librarianship. Previous activity in the field of scientific information is required

Are foreign participants allowed

Duration of training.

For what kind of work are the students being trained

Examinations

Language of lectures

Number of trainees

Other data

No

Two years (four terms)

Information specialists and technical librarians

During the training and final

Slovak

30

Besides post-graduate studies at the Charles University in Prague, Chair of librarianship and scientific Information, and the Comenius University in Bratislava, Chair of librarianship and scientific information, lectures on information science are also included in the programmes of full-length five-year courses of librarianship, such as "Theory and history of bibliography of scientific information" and "Theory of scientific information" (total 30 hours with a final examination after the third term)

teriori prini atrover

BRATISLAVA

Střední Knihovnická Škola (School of Librarianship), Bratislava

Year of foundation: 1966/67

NON-GRADUATE	
Programme	Number of hours per week 1st year 2nd year
1. Elements of Marxism-Leninism 2. Russian 3. English 4. Third modern language 5. Librarianship 6. Bibliography 7. Organization of book collection catalogues 8. Economics and organization in s 9. Elements of production processe 10. Practical training in a library 11. Office work techniques 12. Physical training Optional - Latin - Conversation in a modern language	pecial areas 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 2 2 2 2
Practical training course - 1st year: 4 weeks in a scientific - 2nd year: 4 weeks in special libr 4 weeks of vacation cou libraries Compulsory - Librarianship, Bib!icgraphy, Econ	library aries and information centres; rse in scientific and special
areas Optional - Organization of book collections - Elements in production processes	and catalogues
Type of training	School of Librarianship including courses in technical and economic information
Conditions of admission to the second of the	Secondary or technical school certificate Entrance examination in Slovak and mathematics
Are foreign participants allowed	No
Duration of training	Two years. Full-time course
For what kind of work are the students being rained	Information workers
Examinations	During the training and final
Language of lectures	Side a fore Stairs with the sales is
Number of trainees	30 The State Colors of the Color of the Color



PRAGUE

Karlova Universita - Fakulta společenských věd a publicistiky, Katedra knihovnictví a vědeckých informací (Charles University - The Faculty of social sciences and journalism, Chair of Librarianship and scientific information), Celetná 20, Praha 1

Director: J. Kábrt, Ph. D. (Associate professor)

Year of foundation: 1966

POST-GRADUATE

Programme	Term	•
	Winter Su	
<u>First_year</u>	hours ho	urs
1. Introduction to the study of information		
science	6	
2. Cataloguing	12	
3. Classification and indexing	12	
4. Establishment and organization of informa-	S. 2. N	tare or one of
tion holdings 5. General and specialized hiblings	6	6
5. General and specialized bibliography 6. Principles of mechanization and automation	12	.6
7. Elementary seminar	6	18 6
8. Principles of information theory	-	12
9. Selected chapters from psychology, pedagogics		,, 2
and pedagogical psychology		12
10. Science and society	4	12
Second year		
	•	
1. Statistical methods in information work	6	
2. Technical writing and analytical reports	6	
3. Methods of literature searching	6	
 System of libraries and information centres, their co-operation and management 	in ing parameter	1000
5. Linguistic and semantic problems in automated	12	
and mechanized information systems	12 a 7 a 3	sa participal
6. Patents, trade marks, registered designs,	12 10 10 000	10 10 10 10 10 10 10 10 10 10 10 10 10 1
copyright law	6 sr	m ous joint
7. Selected chapters from sociology	12	-
8. Organization and management in science, tech-		
nology and production where the	্য 6 মাণ চলচ	
9. User psychology and sociology. Design and	al to eolyti	ad≒af d
programming of mechanized and automated in-	l ali je ya	
formation systems	18 : : : : : :	TEI.
 Mechanized and automated information systems ato. Publishing and editing object too state to year in 	apr12 v≃stm,	esti.
12. Marketing to the state of t	- 141 43 () - 1333 Hanna 6 Jillian - 153	eregel (av. 1947) On Brook
	(591 0)	
14. History of librarianship software a few and a se	1 mg 60 1 mg 1	ng Kaling Kabupatèn Kal
	· · · · · · · · · · · · · · · · · · ·	

	hours
<u> </u>	Winter Summer
 History of bibliography Library science 	6
17. Cataloguing of old prints	6 6
Optional seminar	6 6
Type of training	
	Post-graduate extra-mural study
Conditions of admission	The course is intended for graduates in other branches than librarianship Previous activity in the field of scientific information is required
Are foreign participants allowed	No
Duration of training	Two years (four terms)
For what kind of work are the students being trained	Information specialists and technical librarians
Examinations	During the training and final
Language of lectures	Czech
Number of trainees	30 (1) The state of the second
	erre de la Carte de la proposición de la Carte de La Proposición de la Carte de la Carte de la Carte de la Car La Carte de la
<u> </u>	RAGUE TO THE REPORT OF THE PARTY OF THE PART
Institut Prumyslova Pravni Ochrany stitute for the Industry Property tions), U pujčovny 10, Praha 1	<u>při Úřadu pro Patenty a Vynálezy</u> (In- at the Office for Patents and Inven-
Director: O. Koplik	
Year of foundation of the courses:	1963 - Andrew State Communication (1963) - Andrew State Communication (1964) - Andrew State Communicat
,	and the same of the decision of the proof of the same
POST-GRADUATE	and the state of t
Programme	hours
First term	इंग्लिक कर के प्राप्त कर के देश हैं है जा करने हुए हैं के स्कृत है
I. INTRODUCTION to the study	
2. Principles of logic 3. History of the juridical protect (1st part)	to a grita primare more quadrata 16 more a let tion of dinventions as ingresses quadrat
4. Elementary concepts of civil law	
J. Elements of the theory of state	and legislation 16
invention (1st part)	ork and the theory of golds cost is
7. Practical exercise in patent pro	ptection distribution as modified 8 may be 124



		hours
	Second term	
	 Principles of logic History of the juridical protection of inventions 	16
	(2nd part) 3. Elementary concepts of civil law (2nd part)	12 10
	4. Methods of creative technical work and the theory of invention (2nd part)	20
	Scientific, technical and economic information (1st part)	14
	6. Practical exercise in patent protection	8
	Third term	
	 Scientific, technical and economic information (2nd part) 	12
	Explanation of Czechoslovak regulations on discoveries, inventions and innovation (1st part)	18
	 Explanation of Czechoslovak regulations on indus- trial design, trade marks, marks of origin and un- 	an gaile teith
	fair competition 4. Economics, organization and management of industry	16
	in Czechoslovakia5. Development of science and technology in Czechoslovakia	14
٠.	6. Practical exercise in patent protection	8
	Fourth_term	
	1. Methods of patent searching 2. Economics, organization and management of industry	12
	in Czechoslovakia	12
	 Development of science and technology in Czechoslovakia Explanations of Czechoslovak regulations on discoveries inventions and innovations 	
	5. Explanation of foreign and international regulations on industrial design, trade marks, marks of origin	
	and unfair competition	20
	6. Practical exercise in patent protection	8
	<u>Fifth term</u>	and the state of the
ise;	1. Explanation of Czechoslovak regulations on discoveries, inventions and innovation	10
	2. Interests and politics in the field of industrial property	10
	3. Patent protection of invention in capitalist countries 4. Practical exercise in patent protection	5019 31 3 1013€92 3
	Sixth term () colored to the color of the c	ලෙනුව මාස මෙන්නු වුල් .
	1. Interests and politics in the field of industrial pro-	ntour fulfill. Base on al
	2. Patent protection of inventions in capitalist coun-	12
	tries	38



	hours
3. Comparative law concerning discovinnovation in socialist countrie4. International patent law5. Practical exercise in patent pro	s 12 14
Type of training	Course
Conditions of admission	Higher school certificate and practical experience
Are foreign participants allowed	Yes
Conditions of admission	Higher school certificate and practical experience
Duration of training	Six terms (480 hours), extra-mural
For what kind of work are the students being trained	Specialists in information science
Examinations	During the training and final
Degrees or other qualifications granted	Successful students obtain a spe- cial certificate
Language of lectures	Czech
Number of trainees	The number of students in each class does not exceed 35
Other data	At the moment the institute runs classes in Prague, Pierov, Bratislava and Košice
ot valve e gjat e tj. 4. de galake e ste og de e galake	AGUE
Strední Knihovnická Škola (School o Nad lesem 185, Praha 4 - Hodkovičky Director: J. Mucha Year of foundation: 1969/70	f Librarianship),
	energy and the second of the s
NON-GRADUATE Programme The state of the st	Number of hours per wee 1st year 2nd year
 Development of science and tech Organization of scientific, recand economic information Organization of information sou Bibliography, documentation and ture searching Writing technical and analytica Rationalization of information 	nology 2 hnical 2 rces 6 5 litera- l reports 2



	Number of hours per week 1st year 2nd year
8. Typewriting 9. Foreign language I ⁺ 10. Foreign language II ⁺ 11. Physical training	2 2 4 4 4 4 2 2
t choice of English, French and	German
Optional subjects - Conversation in modern language - Modern language - Games	
Type of training	School of librarianship including courses in scientific, technical and economic information
Conditions of admission	Entrance examination in Czech and secondary school certificate
Are foreign participants allowed	No
Duration of training	Two years. Full-time course
For what kind of work are the students being trained	information workers
Examinations	During the training and final. Final examination: - Compulsory: Organization of information sources, Bibliography, Documentation and Literature searching - Optional: Organization of scientific, technical and economic information; Rationalization of information processes The students have to submit a paper in Documentation and Literature searching; the paper should contain:
	1) A literature search on a given theme (bibliography) 2) Description of the methods of literature searching (bibliography)
Language of lectures	Czech systematic (p. 1979)
Number of trainees	30 antique to seculable
anitomistas di muscinore isoli	

មែនត្រាម ស្រាស់ សេចស្មានសំនិងហេស៊ី ១០វិធីសំនួរ៉ូរ៉ូ ១៩៤

PRAGUE

Československá Akademie Vēd, Ústředí Vědeckých Informací (Czechoslovak Academy of Sciences, Centre of Scientific Information), Balbínova 30, Praha 2

Dr. J. Toman

Year of foundation of the courses: 1964

Programme

Course No. 1A: Methods and techniques in scientific information work

		hours	
	Organization of the Czechoslovak Academy of Sciences Organization of libraries and scientific information	1	
	in Czechoslovakia	1	
3.	Network of the departments of scientific information		
	in the Academy and the Main Library of the Czechoslo-		٠.
	vak Academy of Sciences	2	
4.	Organization of information systems	4	
5.	Bibliography	5	•
б.	Encyclopaedias, dictionaries, annuals (including		
	practical training)	4	
7.	Bibliography of periodicals (including practical training)	2	
8.	Sources of information in the humanities	4	
9.	Book bibliography (including practical training)	2	
10.	Work in special libraries (including practical		
	training)	9	
11.	Final session and evaluation of the first part of		
	the course	2	

Course No. 1B: Methods and techniques in scientific information work

no move our militarities of the control of the state of the control of the contro	noul 5
1. Cataloguing. Cataloguing rules	4
2. Documentation of sources of information	5
3. Organization techniques	4
4. Classification of information	. 8
5. Copying methods	5
6. Literature searching	. 8
7. Reprographic methods	. 3
8. Final session and evaluation of the course	2

Type of training

Courses

Conditions of admission

Higher school certificate and practical experience in information work

Are foreign participants allowed

Duration of training

The courses are in two five-day sessions with a fortnights break

between the two sessions

For what kind of work are the students being trained

Information workers and librarians

Examinations

During the training and final

Language of lectures

Czech

Number of trainees

30

PRAGUE

Strojirenský Informační Ústav (Engineering Information Institute), Jungmannova ul., Praha 1

Director: J. Kugler, Dipl. Eng.

Year of foundation of the courses: 1961

Programme

First degree course

1. Organization of the Czechoslovak industry

2. Organization of scientific, technical and economic information in heavy industry

3. History of librarianship in Czechoslovakia.

4. Types and evaluation of sources of information

5. Acquisition of information holdings are a second as

- 6. Handling of information holdings (library type handling)
- 7. Introduction to classification and Universal Decimal Classification
- 8. Handling of information holdings (cataloguing of documents)

9. Work with the user of information

- 10. Organization of work in departments of technical and economic in-
- 11. Equipment for departments of scientific, technical and economic information to come a spation and these objetting by the medition medical business in the
- 12. Final discussion

the constitution of the co Total number of hours: 42/9000

i distributione in the companies and the companies of the

Second_degree_course

1. Tasks of the development of science and technology,

2. Elements of organization of technical and economic information under the Ministry of Heavy Industry .

3. Organization of scientific and economic information abroad

4. Experiences in the organization of scientific, technical and says economic information in some foreign countries

5. Systems of the classification of information
6. Literature searching, writing technical and analytical reports

7. Patents and standards as sources of information

- 8. Industrial technical liaison work
- 9. Exploitation of economic propaganda ാടിച്ച ചെയുത്തിന്നാനു പ്രിക്കാരി. രാജ

- 10. Publishing activities
- 11. Reproduction devices for scientific, technical and economic information
- 12. Mechanization and automation of scientific, technical and economic information
- 13. Final discussion

Total number of hours: 44

over the structure

Second leparge leaders

Third degree course

- 1. Tasks of the information network system under the Ministry of Heavy Industry
- 2. Concept of the Czechoslovak system of scientific, technical and economic information
- 3. Authors and copyright law
- 4. Scientific, technical and economic information and technical development
- 5. Authors and copyright law in scientific, technical and economic information
- 6. Reproduction techniques
- 7. Marketing
- 8. Acquisition of non-commercial literature
- 9. Theory of scientific and technical information
- 10. Writing technical reports
- Orthographic and morphological subtleties

- 11. Orthographic and morphological transfer of the first transfer at the case of the cas 14. Effectiveness of information in regard to the user
- 15. The state of art of Universal Decimal Classification
- 16. Theory of thesauri's installed can calkba, Haada on colfordantal.
- 17. Psychology of management and the local prison of the garbons of the local prison of the local part 18. Computer-type devices
- 19. Psychology in scientific, technical and economic information 6
- 20. Punched cards in the special information centre of the State Institute of Material and Technology reason reach to be been upd
- 21. Dissemination of scientific and technical information remodelar
- 22. The KWIC System used in the Research Institute of Ferrous Metallurgy) is radiated to market a short
- 23. Programming for computers
- 24. Explanation of the ARDIS system
- 25. Visits
- 26. Final discussion and evaluation of the course 2. Elegans to stage 13 .2 Total number of hours: 200 can

Cramitarios of selentific and concent information abroad Type of training a courses of scientific, technical. selvantes agrano and economic tinformation cases

Conditions of admission Higher school cortificate and practical experience in information work work

Are foreign participants allowed engiNo of timescopy to helicipalized . R



Duration of training	First and third level courses in scientific, technical and economic information, organized in five 5-day sessions at monthly intervals		
For what kind of work are the students being trained	Information workers		
Examinations	During the training and final		
Degrees or other qualifications granteâ	Certificate		
Language of lectures	Czech		
Number of trainees	90		
<u>P</u> I	RAGUE		
Ústředí Vědeckých. Technických a Fl	konomických Informaci, Státni Techni-		
cká Knihovna (Central Office of Sci formation, State Technical Library Klementinum, Praha 1	ientific. Technical and Economic in-		
Director: A. Derfl, Ph.D.	uk îre na mana eşe îsti servicin d		
Year of foundation of the course:	1968		
	হুন্দ নিক্ষা হৈ । বুরু-		
Programme	en en en la Sue hours personales de		
 Development of science and tech ples of organization and economy vak industry 	nics of the Czechosla-		
2. Organization of scientific, tec	in the state was been 5, been been chinical and economic was not to see		
3. Organization of the Central Off Technical and Economic Informat 4. Sources of Information, their t	1100		
5. Acquisition of informations			
6. Registration, establishment and storage of in-			
formation holdings and their proof library collections	rotection. Revision ിയായി വരുത്തി		
7. Descriptive cataloguing of info	base in 5 to become the comment of t		
« 8. Classification of information	30 (\$ 86.42)		
9. Elements of bibliography	5		
10. Methodology and techniques of 11. Use of sources of information?	documentation work 5		
12. Patent and standard literature	5 15		
13. Methods and techniques of liter	rature searching 10		
14. Writing technical reports and a	analytical activities 5		
15. Marketing of time called activities of	of information control 5		
17. Copyright Taw in scientific, te	of information centres 5		
information of the last	5		

	hours
18. Use of reproduction techniques nical and economic information	in Scientific, Tech-
19. Use of computers in scientific,	
nomic information	. 15
20. Visits	<u>25</u>
	Total 185
The visits are intended to cover:	ing the second of the contract
 the overall activity in scientific, technical and economic information: 	The Centre of Scientific, Technical and Economic Information - State Technical Library - The Specialized Branch of Centre The specialized field information centre
2) patent documentation:	The Office for patents and inventions or selected patent information centres
3) reproduction techniques	
4) mechanization and automation	fila tara fila ili ili ili ili ili ili ili ili ili
Type of training	Course in Information science
Type of training Conditions of admission	Higher school certificate and practical experience in information
Conditions of admission	Higher school certificate and practical experience in information work
Conditions of admission Are foreign participants allowed	Higher school certificate and practical experience in information work.
Conditions of admission	Higher school certificate and practical experience in information work No One year (185 hours)
Conditions of admission Are foreign participants allowed Duration of training For what kind of work are the	Higher school certificate and practical experience in information work No One year (185 hours) Information workers
Conditions of admission Are foreign participants allowed Duration of training	Higher school certificate and practical experience in information work No One year (185 hours)
Conditions of admission Are foreign participants allowed Duration of training For what kind of work are the students being trained	Higher school certificate and practical experience in information work No One year (185 hours) Information workers During the training and final
Conditions of admission Are foreign participants allowed Duration of training For what kind of work are the students being trained Examinations Language of lectures Number of trainees	Higher school certificate and practical experience in information work No One year (185 hours) Information workers During the training and final Czech
Conditions of admission Are foreign participants allowed Duration of training For what kind of work are the students being trained Examinations Language of lectures Number of trainees	Higher school certificate and practical experience in information work No One year (185 hours) Information workers During the training and final Czech 50 State Technical Libraries in Pizen,
Conditions of admission Are foreign participants allowed Duration of training For what kind of work are the students being trained Examinations Language of lectures Number of trainees Other data	Higher school certificate and practical experience in information work No One year (185 hours) Information workers During the training and final Czech 50 State Technical Libraries in Pizen, Liberec, Hradec Králové, České Bur
Conditions of admission Are foreign participants allowed Duration of training For what kind of work are the students being trained Examinations Language of lectures Number of trainees Other data	Higher school certificate and practical experience in information work No One year (185 hours) Information workers During the training and final Czech 50 State Technical Libraries in Pizeň, Liberec, Hradec Králové, České Budějovice, Brno and Ostraya organize
Conditions of admission Are foreign participants allowed Duration of training For what kind of work are the students being trained Examinations Language of lectures Number of trainees Other data	Higher school certificate and practical experience in information work No One year (185 hours) Information workers During the training and final Czech 50 State Technical Libraries in Plzeň, Liberec, Hradec Králová, Ceské Budějovice, Brno and Ostrava organize courses with syllabuses provided by the Central Office of Scientific,
Conditions of admission Are foreign participants allowed Duration of training For what kind of work are the students being trained Examinations Language of lectures Number of trainees Other data	Higher school certificate and practical experience in information work No One year (185 hours) Information workers During the training and final Czech 50 State Technical Libraries in Pizeň, Liberec, Hradec Králové, Ceské Budějovice, Brno and Ostrava organize courses with syllabuses provided by the Central Office of Scientific, Technical and Economic Information
Conditions of admission Are foreign participants allowed Duration of training For what kind of work are the students being trained Examinations Language of lectures Number of trainees Other data	Higher school certificate and practical experience in information work No One year (185 hours) Information workers During the training and final Czech 50 State Technical Libraries in Pizeň, Liberec, Hradec Králové, České Budějovice, Brno and Ostrava organize courses with syllabuses provided by the Central Office of Scientific, Technical and Economic Information - State Technical; Library; these courses on scientific, fechnical and
Conditions of admission Are foreign participants allowed Duration of training For what kind of work are the students being trained Examinations Language of lectures Number of trainees Other data	Higher school certificate and practical experience in information work No One year (185 hours) Information workers During the training and final Czech 50 State Technical Libraries in Pizen, Liberec, Brno and Ostrava organize courses with syllabuses provided by the Central Office of Scientific, Technical and Economic Information State Technical; Library; these courses on scientific, technical and economic Information are for information
Conditions of admission Are foreign participants allowed Duration of training For what kind of work are the students being trained Examinations Language of lectures Number of trainees Other data	Higher school certificate and practical experience in information work No One year (185 hours) Information workers During the training and final Czech 50 State Technical Libraries in Pizen, Liberec, Brno and Ostrava organize courses with syllabuses provided by the Central Office of Scientific, Technical and Economic Information State Technical; Library; these courses on scientific, technical and economic Information are for information

Plans for other type of courses in 1969-70:

The Central Office for Scientific, Technical and Economic Information (State Technical Library) also prepared a proposal for a syllabus for a three-months course for workers in technical libraries:

Programme		hours
 Organization of librarianship and sc information in CSSR 		5
2. Structure of holdings in technical I 3. Supplementing technical libraries	ibraries	5 5
4. Registration of various types of tec	hnical lite-	-
rature and storage of the holdings 5. Descriptive cataloguing		10
6. Revisions of book collections	•	10
7. Reader relations and circulation sys 8. Advertising technical literature	tems .	4
9. Planning in technical libraries		
	Tota	1 58
Visits:		Carrier San
 State Technical Library Specialized branch or field centre of technical and economic information 	scientific,	4

Specialized advanced courses are organized for holders of the general certificate who have already passed the one-year course (in exceptional cases also for other suitable workers in information work). They will be specialized:

- a) according to professions (technical analysts, documentalists)
- b) according to the subject.

tifes that eye I head a type better up t

Driver Westerford (but a contract)

These courses are to have a special syllabus prepared for each individual course. They can be organized either as extra-mural studies, as a series of lectures or intensive course. They will always meet the needs of information practice and aim at topical problems. The content of the courses of this type, their organization and the lectures will be chosen individually for each course.

ลาก เกลเ พละพระวัตร์ เกราะ และ เกราะ สามพัฒนาสาย ซ้าการ์ เกราะ ได้เกราะ

and a section of the contraction

The transfer and the Sensit

Trebes eng France Western with the expension

ration and the agreement



DENMARK

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

COPENHAGEN

Dansk Teknisk Litteraturselskab (The Danish Society for Technical Literature), Øster Voldgade 10, Copenhagen K

Course in scientific and technical documentation

Programme

- 1. Library service in industrial enterprises and institutions
- 2. Bibliography and technique of bibliographical searching subdivided into:
 - a) Mathematics, physics
 - b) Chemistry, chemical technology
 - c) Mechanical technology
 - d) Electronics, electrical technology
 - e) Materials handling
 - f) Biology, bio-technology
 - g) Medicine, pharmacology, veterinary science
 - h) Agriculture
 - i) Economics, administration
- 3. Information and documentation. Systems of Information
- 4. Storage and retrieval of information
 - Communication of information by such means as report writing, reprography, oral communication
 - 6. Visiting information centre
 - 7. Study tour of a European country with advanced information centres

Type of training Course

Conditions of admission Academic degree in various fields

of study

3-5 years professional practice.
Knowledge of two foreign languages

Duration of training 240 hours for a period of 9 months

Lectures and exercises two full

days every three weeks

For what kind of work are the Do

students being trained

Documentalists

Examinations A compulsory f

Degrees or other qualifications

granted

A compulsory final examination

A diploma

Language of lectures

Tuition fees

Danish 3500 DKr

Number of trainees

20 per year

FRIC

COPENHAGEN

Denmark's Library School, Birketinget 6, 2300 Copenhagen S

Course for industrial librarians and assistants

Programme

- 1. The purpose of a library and its place in an enterprise
- 2. Contents of library collections

- 3. Handling of the library material4. Utilization of the library5. Public libraries and documentation centres
- 6. Reference and information collections

Type of training

Conditions of admission

Duration of training For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted

Language of lectures

Tuition fees

Number of trainees

Instructive course

For staff members of industrial and

ates in the Type Cattaign AA

on RMC Colorador Thylo

institutional libraries

90 hours for a period of 19 days

Librarians of special libraries

None

None 10.00

Danish

250 Dkr

Approx. 25 a year



FINLAND

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

HELSINKI

Suomen Kirjallisuuspalvelun Seura - Samfundet för Litteraturtjänst i Finland (The Finnish Association for Documentation), Lönnrotinkatu 37, Helsinki

Courses are arranged to train documentalists

Type of training

a) Bibliography courses - with emphasis on theoretical and practical knowledge of bibliography, and b) Classification courses with empha-

sis on the use of the UDC

Duration of training

For what kind of work are the students being trained

Information service personnel and staff of technical and special li-

Carrieda na Carl Marchada

Language of lectures

Finnish

1-2 weeks

ADDITIONAL INFORMATION

The Control of the State of the Control of the Cont Finnish information service personnel also take part in the courses arranged by the Scandinavian Council for Applied Research.

note a 20 communit

FRANCE

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

PARIS

Ecole Nationale Supérieure de Bibliothécaires (National School of Librarianship), 2 rue Louvois, 75 Paris 2ème

Director: (MIIe) P. Salvan, 23, rue Leverrier, 75 Paris 6ème

Year of foundation of the course: 1964

POST-GRADUATE

Programme	hours
1. Documentation:	
a) Classification	30
b) Documentary reproduction	6
c) Information retrieval	
d) Special subjects bibliography	20
2. Courses for librarians of university librari	es 50
•	en e
	121

Type of training

Conditions of admission

Are foreign participants allowed

Conditions of admission

Duration of training

For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted

Language of lectures
Tuition fees
Financial aid for trainees

Courses in documentation as part of the curriculum

University degree or equivalent

Same as for French students and knowledge of French

One year (full-time)
Scientific librarians

Oral and written from all subjects listed in the programme

Diplôme Supérieur de Bibliothécaire

French

90 F.

Salary for French students to be appointed in State dibraries (only for those who are admitted at the entrance examination)

Number of trainees

Number of graduates 1968: French students to be appointed in State libraries - 53 Other French students - 13 Foreign students - 13

PARIS

Institut National des Techniques de la Documentation (National Institute of Documentation Techniques), 292, rue St. Martin, 75 Paris 3ème

Director: P. Poindron

Year of foundation of the course: 1950

NON-GRADUATE

Programme	hours
First year 1. Documentation techniques 2. Practical work in: a) classification of documents b) cataloguing c) abstracting, etc. 3. Visiting documentation centres	90
Second year 1. Technique of document searching 2. Use of documentation in: a) social-economic sciences b) applied sciences c) natural sciences 3. Practical work in abstracting 4. Visiting documentation centres	The state of the s

S. 300 33

Type of training Conditions of admission School of documentation techniques

- Leaving certificate of a secondary school (baccalauréat) or its equivalent
- Entrance examination (except for candidates having a leaving certificate from a university)
 - at least 18 years old

Are foreign participants allowed Conditions of admission Diration of training

as of etherway they is not yourse

Yes Same as for French students Two years



For what kind of work are the students being trained

Information scientists, subject information specialists, specialists in the particular part of information processes, e.g. specialists in classification, abstracting, mechanization etc., scientific and technical librarians

Examinations

Entrance, during the course, and

final

Degrees or other qualifications granted

A diploma

Language of lectures

French

Tuition fees

600 F. per year

Number of trainees

98 graduates in 1967

PARIS

Ecole de Bibliothécaires-Documentalistes (School of Librarians - Documentalists),

21, rue d'Assas, 75 Paris 6ème

Director: (Mme) M. Raffy

Year of foundation of the School: 1935

NON-GRADUATE

Course for librarians and documentalists on it Hove that greather a Terms I laterals were been been I . N

Programme

- 1. History of books and printing
- 2. History and administration of libraries (percentage to percentage).
- 3. Cataloguing
- 4. Classification
- 5. Information and reference services: a) organization of materials for use
 - a) organization of materials for useb) photoreproduction of library materials

 - c) selection of documents
- 6. Bibliography
- 7. General knowledge
- 8. Visits to libraries and modern special libraries

- During the first year of training students are engaged in the practical work in libraries 2 or 3 times a week
- Practical work in special libraries is compulsory during the second

THE YORKS

Type of training it was a second all

School of Librarianship and Documentation

The arms to be except the present of the contract of

at more so to action the bill

Vilamps Heili (il. 18

about trinophS . 4

空脉设体 医多数膨胀 设计算

endalizado de acionemes

militable than along the second advised



Conditions of admission

- Equivalent of degree of Baccalauréat or its equivalent

Entrance examination

Are foreign participants allowed Conditions of admission

Yes

Same as for French students and a good knowledge of the French lan-

Duration of training For what kind of work are the Two years (one year for graduates) Librarians, special librarians and

students being trained

documentalists

Entrance, after first year of course and final

Degrees or other qualifications

Diplôme de l'Ecole

granted

French

Language of lectures

Examinations

1500 F. per year

Tuition fees Number of trainees

Course for assistant librarians or documentalists

Year of foundation: 1967

Programme

1. Information, its evolution

2. Libraries and special libraries

3. Different types of documents

4. Technique of books and different types of documents

5. Bibliography

6. Cataloguing of different types of documents

7. Classification

8. Selection of documents

9. Organization:

a) equipment of premises

b) filing of documents, loan

c) reprography

d) microfilms and microcopies

10. Public relations

11. History of the book

Type of training

Conditions of admission

Duration of training

Evening course (3 times a week)

Baccalauréat or equivalent and entrance examination

y mentelit for med laurer by voja, belo 14. til reknyraar hat argust redank 11.

One year

Examinations decreased in the Louise

Entrance, after first year and final

Degrees or other qualifications granted

Diplôme de l'Ecole

Tuition fees

1500 F. per year

Number of trainees

30

PARIS

<u>Union Française des Organismes de Documentation (UFOD)</u> (French Union of Documentation Organizations), 16, rue Jules-Clartie, 75 Paris 16ème

Director: J. de Laclémandière and (Mme) F. Cestac

Year of foundation of the courses: 1944

A. Training course

Programme

First year

UFOD's teaching is based on five functions of documentation:

- Detection
 Characteristics of the times we live in. The limits of information The concept of information Group communication Creativity and research, etc.
- 2. Identification Image - Reading - The notion of "document" - Cataloguing - Filing, etc.
- 3. Abstracting

Indexing - Abstracting - Data synthesis - Linguistics - Translation

4. Dissemination

Temporary communication - Circulation of documents - Loans - Exchanges - Permanent communication - Operational survey of the users!

5. Storage and retrieval

Classification - Retrieval - Computer technology - Storage - Human

engineering - Documentation sciences - Criteria of documentary efficiency

In 60 lessons, totalling 6400 pages of mimeographed text with 335 tables, 1340 figures and 5430 bibliographical references, the above points are studied. All topics are connected with studies and practical exercises which constitute the real and positive elements of a dialogue between the students and the school management.

Type of training

Training course

Conditions of admission

No certificate is required (though the baccalauréat level is necessary), but a knowledge of foreign languages is obligatory

Are foreign participants allowed

Yes

variation to



Conditions of admission Duration of training

Good knowledge of French language

- 1. Paris oral courses: two semesters per year including:
 - a) three times a week for eight months
 - b) Three weeks "on the job" period organized in member firms
 - c) visits to documentation centres
- 2. Correspondence courses: two semesters per year including:
 - a) studies and practical exercises
 - b) a ten-days period at the Cercle Culturel de Royaumont in the UFOD Library

For what kind of work are the students being trained

Information scientists, subject information specialists, specialists in the particular part of information processes, e.g.: in classification. in abstracting, in mechanization, etc. in principle, courses are for students or people already working in documentation centres, who wish to improve their knowledge of documentation techniques

Final and selective examination as a condition of receiving a degree in documentation

Degrees or other qualifications Brevet de Documentation granted in and in gratue cardination of the steeress it common to a

salv in salve salvi includi

Language of lectures The Language French The William Control of the Language of Lectures

Examinations

- ingertaria i belo gabrago 12 Tuition fees and a report of the Paris oral courses: 1800 F. per indus yazar dan ayab ili kurung di di kurupan ka**semester** persoppi kurungkas bas
 - 2. Correspondence courses: 1800 F. (including the ten-days stay in (Royaumont)

Number of trainees 350 for two semesters per year incluassessment of the subsection of the courses and correst Traboscourse pondence courses and the charlest

Darrich in his morphish army the history with

entstarre for stop

the comparison for since of the com-

Second year

Advanced studies in information science

- 1. Behavioral and social sciences
 - a) psychology (individual and group behaviour)

nev trop of head?

- b) psychotechnics
- c) sociology



- Information technology Computers:
 - applications
 - programming
 - mathematics of computation design and construction
 - analogue computers
- 3. Graphical arts
 - a) image
 - b) typography
 - c) advertising
 - d) semiotics semiology

Type of training Conditions of admission

Are foreign participants allowed Conditions of admission

Duration of training

Examinations

Degrees or other qualifications obstand the name with the e

Language of lectures

Tuition fees

Number of trainees nsys: 4 apys or insp Corate Co

B. Junior introductory course

A higher diploma in documentation

Yes

French

250 F.

50 per year

Training (advanced level)

Documentation"

courses only)

Graduate - 1st year "Brevet de-

Good knowledge of French language

One year - once a week (evening

Final and selective examination as a condition of receiving a ... higher diploma in documentation

terior and be not because

magazinens i o seniorenda.

Programme

- None about I had but I went and 1. Documentation and tasks of an assistant documentalist
- 2. Identification of documents
- 3. Classification:
- a) kinds of classification
- b) technique of classifying documents
- 4. Principles of selecting documents
- 5. Dissemination of documents
- 6. Reproduction of documents
- 7. Storage of documents
- 8. Sources of documentation
- 9. Visting documentation centres

Type of training

Continuation course including lectures and discussions after lectures and practical work in documentation



Conditions of admission

Duration of training

For what kind of work are the students being trained

Language of lectures

Tuition fees

Number of trainees

Employment in a documentation centre

Six days

Employees who want to obtain or improve their knowledge of documentation

1000 F.

30 per session (6 sessions per year)

C. Senior introductory course

Programme

- 1. Tasks and functions of a documentalist
- 2. Kinds of documents:
 - a) primary
 - b) secondary
- 3. Documentation as a science
- 4. Reading
- 5. Translations
- 6. Publishing techniques and reproduction of documents
- 7. Dissemination of documents
- 8. Storage, classification and selection of documents
- 9. Sources of information and documentation
- 10. Achievements in documentation in other countries
- 11. Visiting documentation centres

Type of training

Conditions of admission Duration of training

For what kind of work are the students being trained

Tuition fees

Number of trainees

Language of lectures

Town 1200 F. V. Baselt to epolegosif

25 per session (6 sessions per year)

6, Penninger te notification and and an

Consumption to egameter is

Continuation course including lec-

documentation work

brary; 2 days in Paris

tures and discussions, and practical

Employment in a documentation centre

Six days: 4 days at the Cercle Culturel de Royaumont in the UFOD's Li-

Senior personnel who wish to obtain

or improve their knowledge of documentation was placed by say it immable is

French to sold to sold the sold the sold to sold the sold to sold the sold the sold to sold the sold the

3. Hyggiriagithan

south send the weelf

SPECIAL

D. Special course for "Documentation Secretaries" that course to capture . 8

Programme

The Documentation Secretary: his functions

1. Mail - identification - translation - analysis - answer

2. Telephone - telex 3. Reception - public relations - visitors - suppliers 4. Data integration 5. Work planning 6. Meetings - conferences - seminars - congresses, etc. 7. Travel organization 8. Writing techniques - administrative, commercial - style - dictating - machines, etc. 9. Filming techniques - chronological - alphabetical - alphanumerical - geographical filing 10. Filing equipment Special course including lectures Type of training and discussions, and practical work in a documentation secretariat office Employment in a company Conditions of admission Five days Duration of training Secretaries - Administrative emplo-For what kind of work are the yees desirous to harmonize their students being trained knowledge of secretarial techniques with documentation techniques 900 F. Tuition fees 25 per session (6 sessions per year) Number of trainees SPECIAL E. Special course "Dissemination of documentation" Programme त्रम् तर्भ प्रकृतिका । भारतान्यसम्बद्धाः रेक सर्वतः। 1. The communication of documents: consultation, loans action of the 2. Users! behaviour: psychological aspects of information use - various aspects of scientific and technical dissemination 3. Products, materials display: exhibitions - fairs 4. Lending of periodicals and other documents aretralization filt artific 5. Circulation of periodicals: 6. Integrated circulation: reception - identification - analysis dissemination - storage of documents 7. Writing machines: mechanical electronic devices have to make interior 8. Duplicating machines สูงเสียงสิงครอง (รูป เอาร้าสิงกรองโป 9. Typography 11. Microcopying 10. Photography ें किया करेंग्या के हैं के किया है कर के कार्य के किया है के जा किया है कि कार्य के किया है कि कार्य के किया के 12. Sound recording and transmission of documents which straights

noiseminessis Special course including lectures

and discussions, and practical work in dissemination techniques

ERIC

Type of training

20 gray seeslon it seest and year,

Conditions of admission

Duration of training

For what kind of work are the students being trained

Tuition fees

Number of trainees

SPECIAL

Employment in a documentation centre or service

Five days

Managers or employees desirous to improve their knowledge of the methods and means for disseminating documentation and information

900 F.

30 per session (6 sessions per year)

F. Special course "Graphical design"

Programme

1. The notion of "image" - images and signs

2. Tools: pencils, pens, paint-brushes, drawing-pens, etc.

3. Geometrical tracing: linear, logarithmic scales, etc.

4. Graphical design: for an exhibition, a series, a book etc.; different types of diagram

5. Nomograms

6. Statistical analysis: Student's law, Poisson's law, Pearson's

7. Matrixes, graphs, trees, sociograms, etc.; semantic maps, stereographic grids

8. Mapping - time, movement, projections, etc.

9. Trade mark

10. Letter: lay-out, graphical art, symbols, writing and drawing standards

 The role of graphical images in the field of documentation, advertising, packaging, public relations and information

12. Image transmission

13. Relationship between graphical images, photographic; cinematographic and television pictures and all systems of signs and all systems of signs. nsa ivalgalajolanakon ustousyatja

Type of training

And research a Special acourse including electures and discussion, and practical work ு inigraphical design between 133

Conditions of admission

Employment in the design department of a firm see now golden (430 18

Duration of training

For what kind of work are the students being trained trained trained to the students being train Five days

Designers, desirous to utilize the "graphical function" in documentation techniques as a real means of dissemination THOSE OF STREETS

Tuition fees the can advocib but 900 F.

espirate gribulant revues incomp

- alayides - opiranili meshi

Number of trainees

20 per session (6 sessions per year)

TOULOUSE

Institut Universitaire de Technologie, le Département de Relations, Information, Université de Toulouse, Avenue de Rangueil, 31 Toulouse 04
Director: Mr. Blagiers
Year of foundation of the course: 1967
NON-GRADUATE
Programme
First year hrs/weekly
i. Professional subjects 1. Archive and sources of documentation 2 2. Library science and bibliography 2 3. Introduction to the use of computers 2 4. Statistics 2
II. General subjects 1. Sociology 2. Social psychology 2. History 4. Geography 5. Law and administration 6. Foreign languages 7. Statistics 2
III. Practical work 1. Typing 2. Computers Second year
1. Professional subjects 1. Technique of audio-visual documentation 2. Application of computers in documentation 2. Special bibliography: 4 options: Physics and mathematics Biology and geology Social sciences Arts and Letters, philosophy 4. Cartography and diagrams 11. General subjects 1. Chosen option (see above) 2. Foreign languages 111. Practical work 1. Cartography and diagrams 2. Typing
2. Typing 3. Computers 3. Computers 2. Audio-visual documentation 2. Specifical work in the documentation centres 30

Type of training

Academic study in the field of documentation and information science

Conditions of admission

Baccalauréat and passing entrance

examination

Duration of training

Two years, full-time

For what kind of work are the students being trained

Assistant-documentalists and documentalists

Examinations

Entrance, during the course and

 ${\it Degrees or other qualifications}$

final examination

granted

Diplôme universitaire de technologie de documentation

Language of lectures

French

Tuition fees

Registration fee paid by any student of the university

albino na lite

ADDITIONAL INFORMATION

GRENOBLE

 Université de Grenoble, Institut Polytechnique, Section Mathématiques Appliquées. Lectures on mechanized data processing are held by Prof. Peccaud during one semester in the third year of study.

NANCY

2. At the <u>Faculté des Lettres et Sciences Humaines</u>, <u>Université de Nancy</u> the courses on documentation are included in the programme of education. The Faculty grants a Diplôme de licence de documentation.

PARTS

- Faculté des Lettres et Sciences Humaines, Centre des Sciences Humaines Appliquées, Université de Paris, 47, rue des Ecoles, 75 Paris 5ème, provides lectures on documentation.
- 4. Faculté des Lettres et Sciences Humaines, Laboratoire de Psychologie Sociale, 16-18, rue de la Sorbonne, 75 Paris 5ème. In the framework of the Laboratoire exists the Centre de Documentation. Prof. Pages conducts a seminar on psycholinguistic problems and the analysis of contents of documents for the scientists employed by the Centre. Seminars are held once a week and their aim is to improve the qualifications of the personnel.
- 5. Fondation Nationale des Sciences Politiques, 27, rue Saint Guillaume, 75 Parls 7ème, organizes every year a series of lectures and seminars in the field of information and documentation for candidates of Masters and Doctors degrees in the field of social and political sciences. Lectures are delivered by M. J. Meyriat (Director of the Centre de Documentation de la Fondation).



6. Association Française des Documentalistes et Bibliothécaires Spécialisés conducts since 1968 a series of lectures on informatics techniques in documentation services. The first series was devoted to an introduction into techniques of automatic documentation.

STRASBOURG

7. Faculté des Lettres et Sciences Humaines, Section de Journalisme, Université de Strasbourg, conducts lectures in the field of documentation (3 hours lectures are held every week during the first and second year of education).

The control of the co

meay bot

ាលខេត្តប្រើ 🕡

ogrado geleditudi de abelitan ashoba no collectiforesto y Bengonofication grazing for organization estisficiero Bengonofication grazing organization (bengon) de tevalesto de

inollianotal conset surl pesse s - reinical teoligical

GERMAN DEMOCRATIC REPUBLIC

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

BERLIN

Humboldt Universität, Institut für Bibliothekswissenschaft und Wissenschaftliche Information (Humboldt University, Institute for Library Science and Information Science), Universitätsstrasse 7, 108 Berlin

Head: Dr. J. Koblitz

Year of foundation of training in the field of Information Science: 1966

Studies in the field of information science and documentation are carried out together with studies in the given discipline, both lasting 5 years. Only a combination of social sciences and information and documentation sciences is possible at present. A combination of information and documentation studies with natural science and engineering studies is under consideration.

GRADUATE

Programme	hours
1st year	
. Role of the social sciences in the GDR	15 .
2. Fundamental problems of information and documentation with special reference to the social sciences	45
3. Practical work	45
4. Planning, managing and organization of information in	4-
the GDR with special reference to the social sciences 5. Information needs and flow of information	15 15
6. Library science: functions and structures of libraries	15
7. Library science: theory and practice of acquisitioning	15 15
8. Methods of scientific work9. Russian (readings of Russian writings)	60
2nd year	,
1. Written and other sources of information	30
2. Library science: handling of collections, cataloguing	15
3. Introduction to bibliography 4. Practical work	15 30
5. Russian	30
Practical training - 6 weeks in a branch information	
centre	

3rd year

 Classification and other methods of identifying characteristics necessary for organizing collections and retrieval of information, building up of thesauri,



other aids in this respect Practical work	45 15
2. Information systems, methods and means Practical work	30 15
3. Technique of arranging information, and technical means for manual or semi-manual storage and retrieval Practical work	30 30
4. Library science: fundamental problems of library equipment	15
J weeks in a scientific library	
A+b Wood	Francisco (e.)
1. Planning information according to subjects	
2. Science of science	15 45
3. Introduction to mechanical data processing Practical work 4. Management, office management, small-scale printing 5. Information liaison work Problems of twister and further add to the scale printing	45
Practical work	-15 PR-201261
4. Management, office management, small-scale printing	30
6. Problems of training and further education of in-	· 190 · · · · · · · · · · · · ·
tormation and documentation workers	15
7. International co-operation in the field of information	
8. Introduction to the history of information, docu-	15 • 7,555, AS ₁ , 2,56
mentation and modern librarianship	15
Practical work - 6 weeks at a computer centre	symmetry regularly
5th year 85% and formation and the ratioscape	e visali.
1. Science of science	
2. Introduction to the theory of communication	ሻ በ
3. Suffice of Cybernetics and Introduction to the theory	Approximately and the con-
4. Publishing, book selling, copyright	30
5. Patents, innovations and rationalization 6. Standardization	15 15
OF OJUMBU OF ZOT TOTAL	15
7. Technique of translating	.15
Type of training Academic study in the f	ield of in-
formation science, along the state of the st	g with other
Conditions of admission Secondary school educat	
Are foreign participants allowed No	มากรากให้ก็มีสูญกับ -
Duration of training in the same for the 5 years, 930 hours	
For what kind of work are the Subject information spectudents being trained Special librarians	cialists,
Examinations Entrance, during the con	urse, final

Degrees or other qualifications

granted

Graduates get professional titles both in the given speciality and in information and documentation science, e.g. Diplom-Ökonom für Information.

Language of lectures

German

Tuition fees

Free

Number of trainees

10 to 15

Plan for other types of course in 1968-70:

An extra-mural course lasting $2 - 2\frac{1}{2}$ years is planned which is intended for actual information and documentation workers who have completed higher studies or for very talented people with a secondary education.

astorantes (matalantes) e personal (1991). C BERLIN

Fachschule für Bibliothekare an wissenschaftlichen Bibliotheken (Professional School for Scientific Librarians), a special contract to entry and the Charlottenstrasse 40, 108 Berlin

Director: H. Klimpel

Year of foundation: 1963

NON-GRADUATE

NON-GRADUATE	Huston Light door	a version comme	i walangia	
Programme	文化。 Profession (1987)	e dise gill makes		Chile
2. History and o	ethod of information organization of informa	ation	305 190 260	ear it
 Sources of ir Technique of 	formation information information	ing series of the series of th	260 150	antido al Anto Associa
6. Marxism and L	eninism		335	55 F 17 17 17 17 17 17 17 17 17 17 17 17 17
8. Foreign langu	of pure and applied so ages (Russian, English	n. French)	230 510 110	eran da e e e
9. Typing 10. Physical trai		50.16.366	170	T. Saider
Practical wor	k in the 2nd year - 21 k in the 3rd year - 6	weeks weeks	ngjelikopi svet	ign essett

$\alpha_{ij}, i \in \mathbb{N}$	477	್ಟ ಭಾರತಭ	. Howard be	estawset
		training		tring to the

Professional school for scientific librarians and documentalists

Conditions of admission

A 10-year secondary professional school course or other secondary school certificate data (to production)

Duration of training on the state of the sta

For what kind of work are the students being trained

offender trades bud

report 010 Lancey 3

3 years, full-time to limit tower with

Librarians for scientific libraries and documentalists



85 Degrees or other qualifications Dokumentalist granted Language of lectures German Tuition fees Free Number of trainees About 35 per year BERLIN Zentralinstitut für Information und Dokumentation (Central Institute for Information and Documentation), Unter den Linden 8, 108 Berlin Director: Dr. B. Winde Basic course in scientific information Programme hours 1. Relations of scientific and technical information and other domains of human activity, role of a special library 2. National scientific, technical and economic information systems and their social importance 3. Sources of information and tools (characteristics and values of various sources) 4. Ordering systems 5. Ordering techniques 6. Patent information and documentation 7. Bibliographical description 8. Transliteration and transcription 9. Catalogues and files Subject processing of documents (selection of subject headings) 11. Methods for retrieval 12. Manual and mechanical selection 13. Punched cards 14. Apparatus and technique for duplicating documents 15. Information needs (information flow, information subject planning, information methods)

Type of training

Basic course in information science

Conditions of admission

Scientific and professional workers
are admitted

Duration of training

10 days

For what kind of work are the students being trained

Examinations

During the course

Degrees or other qualifications aranted



Language of teaching

Tuition fees

Number of trainees

Other data

German

Tuition is payable by employers sending their workers to the course

About 1,000 persons in 1967

Basic courses with similar programmes are also organized by branch and industrial information centres and the Chamber of Technology in all parts of the country.

Besides basic courses there are also advanced courses lasting 1-2 weeks, and refresher courses for information centres workers.

Courses are also organized for workers in special fields, such as chemistry or agriculture. Those courses started in 1964. In 1967 420 information workers were trained at those courses.

ILMENAU

Technische Hochschule, Institut für Informationswissenschaft, Erfindungswesen und Recht (Technical University, Institute for Information Science, Inventions and Law),

Strasse der Jungen Techniker 26, 64 Ilmenau

Head: Prof. Dr. F. Weber Year of foundation: 1968

POST-GRADUATE

Post-graduate Study in Information Science

Programme

- 1. Informatics and documentation
- 2. History of information and documentation
- 3. Fundamentals of the theory of information communication
- 4. Outlines of cybernetics (covering information theory, theory of systems, and electronic data processing)
- 5. Fundamental problems in operational research
- 6. Tasks for information and documentation
- 7. Organization of information in GDR, other socialist countries, capitalistic countries, international, and international cooperation
- 8. Socialist management, planning and economics of information
- 9. Sources of information, collecting, storing and disseminating information
- 10. Bibliography
- 11. Standards, patents, designs and trade marks

- 12. Marketing
- 13. Documentational processing of information sources
- 14. Selective dissemination of information
- 15. Publishing, book selling
- 16. Copyright
- 17. Technical means for creation of holdings, information retrieval and communication
- 18. Reprography
- 19. Technical means for rationalization of administrative work
- 20. Methods of identifying and categorizing informational needs of research, scientific and industrial users
- 21. Fundamentals of psychology 22. Fundamentals of sociology
- 23. Fundamentals of mathematical logic
- 24. Fundamentals of semiotics
- 25. Fundamentals of linguistics

Type of training

Conditions of admission

Duration of training

For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted

Committee Committee Committee

Language of lectures

Tuition fees

Post-graduate study in information science

- a) University degree or, where applicable, completion of higher professional studies
- b) work in an information centre
- 2 years, part-time

Information scientists, subject information specialists, special librarians

During the course and final examination

Fach informator

German

Free

GFRMANY

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

BERLIN

Deutscher Normenausschuss (DNA), Ausschuss für Klassifikation (German Committee for Standardization (DNA), Classification Committee), Burggrafenstrasse 4-7, D-1000 Berlin 30

Director: Dipl.-Ing. N. Ludwig

Year of foundation of the course: 1953

SPECIAL.

Seminar in Universal Decimal Classification

Programme

1. Basic course on use of UDC

2. History of UDC

3. The contemporary development level of UDC

4. Working tools of UDC

5. Methods of classifying with the UDC

6. Various applications and limitations of UDC

7. Practical exercises in classifying of given publications

Type of training

Seminar in UDC

Conditions of admission

Sufficient general education and, as a rule, activity in documentation and information centres, libraries, etc.

Are foreign participants allowed

Yes

Conditions of admission

Sufficient knowledge of German lan-

guage

Duration of training

For what kind of work are the students being trained

16 hours, one seminar per year

Seminar for managers and other personnel of documentation centres and libraries, e.g. information scientists, subject information specialists, specialists in classification, scientific and technical librarians, assistants, and also users of infor-

mation

Examinations

None

Degrees or other qualifications granted

None

Language of lectures

German

DM 75

Tuition fees



Number of trainees

35

Plans for other types of course in 1969-70

"Introduction to documentation practice with use of UDC"

FRANKFURT/MAIN

Lehrinstitut für Dokumentation in der Deutschen Gesellschaft für Dokumentation (DGD) (Documentation Training Institute, German Documentation Society),
Westendstrasse 19, 6 Frankfurt (Main)

Year of foundation of the courses: 1957

POST-GRADUATE

A. Course for scientific documentalists

AT SOUTH TO SCIENTIFIC GOCUMENTAL	ISTS
Programme	hours
1. Introduction to documentation	
History of documentation:	· · · · · · · · · · · · · · · · · · ·
International and national orga	nizations in the
field of documentation	16
3. Elements of library science wit	h regard to documen-
tation	25 3 4 4 5 5 5 5 5 5 32 5 5 5
 Acquisition of literature, by particle and interlibrary loan 	urchase, exchange,
5. Elements of terminology	10,
6. Processing documents (bibliographics)	phical and anti-
indexing, abstracting, file tech	bniques)
7. Classification theory and class	hniques) Ification systems
o. Universal Decimal Classification	
9. Information service and its user	rs ကို ကိုကိုမည်။ နည်းကိုကိုနည်း မောင်း ကြွန် မလေးသို့ မောင်
10. Particular functions of special	libraries . 132100
II. Suppliers and users of informati	ion e
12. Manually operated punched cards	36
13. Mechanization in documentation (punched card tech-
niques, paper tape techniques, e cessing)	ectronic data pro-
14. Reprography	28
15. Planning and organizing a docume	32
16. Administrative, budgetary, and s	tatistical problems
10 OCCIMENTATION	그 그는 그 가장 하는 그는 작가 되는 그런 게 되었다. 그 사장의 물질병장 전략되어 그 없다.
17. Legal problems in documentation	a state of the sta
	<u>Carriera de la Carriera de la Carri</u>
	danifero, t. bed 394 mest, bit At letter op at Heriotethe both to
18. Visits to three documentation ce	ntres, was the field of the Black Stimpeks.
	and the second s
	Courses in documentation
Conditions of admission	University degree, practical work
	in documentation, knowledge of English
	그 사람이 되는 것이 되었다. 그 사람들은 사람들은 사람들은 사람들이 되었다.

Are foreign participants allowed Conditions of admission The same as above and sufficient knowledge of German Duration of training 13 weeks during one year (full-time) For what kind of work are the Subject information specialists students being trained Examinations Final examination (oral and written) Degrees or other qualifications Wissenschaftlicher Dokumentar granted Language of lectures German Tuition fees 800 DM (tuition fee) 100 DM (examination fee) Financial aid for trainees In individual cases by the Institut für Dokumentationswesen Number of trainees 12 (1968)

B. Course for documentalists

NON-GRADUATE

Programme	hours
 Introduction and survey of history. International and national organizations in the field of docu- 	and the Millian Carlos of the
mentation	6
2. Elements of library science with regard to docume	n-
tation	50
3. Elements of terminology	8
4. Classification theory and classification systems	-
classification practice (UDC)	60
5. Processing of documents (bibliographical and	
subject indexing, abstracting, file techniques)	48
6. Information service and its users	16
7. Particular functions of special libraries	10
8. Manually operated punched cards	40
9. Mechanization in documentation (punched card tech-	
niques, paper tape techniques, electronic data pro	o -
cessing)	60
10. Reprographic techniques	36
11. Legal problems in documentation	8
12. Administrative, budgetary, and statistical problem	ns and the same
in documentation	14
13. Planning and organizing a documentation centre, in	
cluding visits to two centres	32
The Appartment of the News Section 1	
	388

Type of training	Courses in documentation
Conditions of admission	Leaving certificate from a seconda- ry school, practical work in docu- mentation, knowledge of English
Are foreign participants allowed	Yes
Conditions of admission	The same as above, sufficient know- ledge of German
Duration of training	10 weeks during one year (full-time
For what kind of work are the students being trained	Documentalists
Examinations	Final examination (oral and written
Degrees or other qualifications granted	Diplomierter Dokumentar
Language of lectures	German
Tuition fees	600 DM (tuition fee) 100 DM (examination fee)
Financial aid for trainees	In individual cases by the Institut für Dokumentationswesen
Number of trainees	21 (1967)
C. Training of assistant documenta	indin per esta in incered in the translation is in Lists
Programme	
The training is extended over 2 year	ars on the job,
including:	hours
I. Theoretical instruction at the Subjects:	e documentation centre 200
1. Cataloguing	The state of the second st
Simple library routine work cumentation centres	
3. Elements of classification	including storage
techniques 4. Introduction to UDC, includ	ling file techniques
5. Reproduction techniques	data filozofi efizali filozofik biblika efizik fizofize a ko
 Usage of manually operated Introduction to mechanized 	processes in documen-
tation in the straight with	roper data his section in the All State Hostification is a
9. Office equipment	rion; amestatistics — et l'elegae et la com- et l'une e se comme d'est en l'agression de la comme
11. Visits to documentation centre	es, libraries, etc. 40
Ill. Special course on reproduction Documentation Training Institu	intecnniques at the life 40
IV. Intermediate course at the Doc	cumentation Training
V. Final course at the Documentat	nentioned) 80
tute (subjects as above mentic	oned) 80

Type of training

Conditions of admission

Duration of training

For what kind of work are the students being trained

Examinations

Degrees or other qualifications

Language of lectures

Tuition fees

Financial aid for trainees

Number of trainees

Course in documentation

Secondary school education (6 years),

knowledge of English

2 years training on the job, including 5 weeks at the Documentation Training Institute (full-time)

Assistants (persons performing auxiliary functions in documentation work)

Intermediate and final examination (oral and written)

Dokumentationassistent

German

150 DM (tuition fee) 50 DM (examination fee)

parties and

្រែកាន្តមិន ក្រុម

In individual cases by the Institut für Dokumentationswesen

10 (1968)

Plans for other types of course in 1968-1970

Advanced courses in particular subjects of the training programme.

FRANKFURT/MAIN

Zentralstelle für Maschinelle Dokumentation (ZMD) (Center for Mechanization in Documentation),

Spitted a galactest aptractions of agrees a

Herriotstrasse, 6000 Frankfurt (Main) - Niederrad

Director: K. Schneider

Year of foundation of the course: 1965

SPECIAL.

A. Course on Mechanization in Documentation

Programme

- Miner Consileration of the engage. 1. Introduction into mechanized documentation
- 2. Organization of system designing for data collecting and processing
- 3. Introduction into data collecting
- 4. Data storage on punched cards
- 5. Data storage on punched paper tape the first according on magnetic tapes the provided paper tapes.
- The offered the arrange estadosanes as
- 7. Devices for data storing
- 8. Introduction into automatic data processing and a second secon

10. Data transmission

11. Introduction into programming

12. Training in programming

13. Mechanized type-settings

14. Mechanized registration15. Mechanized retrieval

16. Mechanized preparing of data from peek-a-boo files

17. Automated indexing

Type of training

Special course on mechanization in

documentation

Conditions of admission

The participants ought to possess several years of experience in a centre of documentation or in librarianship. Knowledge of mathematics at a higher degree is not necessary

Are foreign participants allowed

Yes

Conditions of admission

Good knowledge of German

Duration of training

The course will be held in two parts; each part lasts two weeks The programme foresees 114 hours

Specialists of mechanized documen-

of lectures

For what kind of work are the

tation and computer programming

students being trained

None

Examinations

Certificate

Degrees or other qualifications granted

Language of lectures

Tuition fees

German

DM 150 - governmental employees DM 300 - other participants

Financial aid for trainees

Number of trainees

None

Number of participants is limited to 30 persons

B. Course on data storage

Programme

1. Introduction into mechanization in documentation

2. Organization of designing systems for data collecting and processing

3. Introduction into preparing and collecting of data

4. Data storage on punched cards

5. Data storage on paper punched tape

6. Data recording on magnetic tape

7. Devices for data storing

Type of training Conditions of admission

Are foreign participants allowed
Conditions of admission

Duration of training

For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted

Language of lectures

Tuition fees

Financial aid for trainees
Number of trainees

Special course on data storage

Experience in the field of documentation and librarianship and knowledge of work of a typewriter

Yes
Good knowledge of German
Five days, 24 hours of lectures
Data preparing, and storage on punched paper tape and magnetic tapes

Certificate

30

German

DM 50 - governmental employees

DM 100 - other participants

None

i dela, piat en Mescalian () Maria de como sucre age, la Magnesse antiquencia del ,1 Magnesse policiamente ().

ERIC

GHANA

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

ACCRA

Department of Library Studies, P.O. Box 2362, Accra

Director: R.C. Benge

Year of foundation: 1962

GRADUATE

Programme

1. Library administration

2. Reference services

3. Bibliography and documentation

4. Classification

5. Cataloguing

6. Literature of Africa

7. French ..

Type of training

Conditions of admission

Duration of training

For what kind of work are the

students being trained

Degrees or other qualifications granted

Tuition fees

Library Studies

Higher School Certificate or equiva-

lent (minimum)

3 years

Librarians and documentalists

Bachelor of Arts in Library Studies

£ 60 per annum



GUINEA

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

CONAKRY

Bibliothèque Nationale (National Library), INRD, B.P. 561, Conakry

Year of foundation: 1961

<u>Training periods for non-professional librarians for ministries and schools</u>

Programme	•	hours
 General problems Classification Cataloguing Bibliography 		20 20 20 20
Type of training Duration of training	Training period 5 weeks	

HUNGARY

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION.

BUDAPEST

Eötvös Lóránd Tudományegyetem (ELTE) (The Library Science Department of the Eötvös Lóránd University) and Országos Müszaki Könyvtár és Dokumentációs Központ (OMKDK) (The Hungarian Central Technical Library and Documentation Centre),
ELTE, Pesti Barnabás u. 1, Budapest V
Professor: Dr. M. Kovács
OMKDK, Muzeum u. 17, Budapest V!!!
Acting Director: (Mrs) S. Lévai
Year of foundation of the course: 1963/64

POST GRADUATE

Course on documentation

students being trained

Programme	hours
1. Science policy	2
2. Information systems in the national economy	8
3. Special library science	8
4. Fundamentals of documentation	4
Sources of documentation activities, bibliography,	1 1 1
sources of information literature searching	30
6. Documentation processes and services	20
7. Preparation and compilation of manuscripts	6
8. Systematization of information, classification,	
indexing	16
9. Problems concerning mechanization of documentation,	
manual punched cards, mechanical punched cards, me-	
chanization of information systems, reprography,	1.
microfilm techniques	22
10. Audio-visual methods in technical information	4
	120

Type of training	Course in documentation
Conditions of admission	University degree; two years practical work in documentation, knowledge of two foreign languages
Are foreign participants allowed	Yes
Conditions of admission	Permission of the Ministry of Education
Duration of training	One year (= 2 semesters), 120 hours
For what kind of work are the	Subject information specialists

Examinations

End of term and final examinations

Degrees or other qualifications

granted

Certificate

Language of lectures

Hungarian

Tuition fees

270 Ft (average)

Financial aid for trainees

None

Number of trainees

In 1968/69 one course: 40 trainees

Other data

The next course is planned for

1970/71

BUDAPEST

Országos Müszaki Könyvtár és Dokumentációs Központ (OMKDK) (The Hungarian Central Technical Library and Documentation Centre), Muzeum u. 17, Budapest VIII

Acting Director: (Mrs) S. Lévai

Year of foundation of the course: 1957

NON-GRADUATE

Course in library techniques and documentation for librarians of technical and agricultural libraries

Programme	course	Correspondence course r s
1. Economic policy - industrial policy	36	20
2. Library science	116	46
3. Cataloguing	48	20
4. Classification - UDC	. 68	34
Information activities, documentation	116	60
6. History of applied science - history of		
agriculture	18	10
7. Technical and agricultural technology	36	20
8. Foreign language	128	30
9. Typing (examination only)	-	
and Market and Space and Constitution	576	240

Type of training

Course for librarians of technical

and agricultural libraries

Conditions of admission

Certificate of final examination of a secondary school, special library activities, knowledge of a foreign

language

Are foreign participants allowed

Yes



Conditions of admission

Permission of the Ministry of Education

Duration of training

5 semesters, $2\frac{1}{2}$ years (evening course 576 hrs; correspondence course 240 hrs)

For what kind of work are the students being trained

Special librarians acting in the field of technical, agricultural and natural sciences

Examinations

Entrance examination, end of term colloquia, qualifying (final) examination

Degrees or other qualifications granted

Librarian

Language of lectures

Hungarian

Tuition fees

Evening course about 350 Ft per semester, correspondence course about 300 Ft per semester

Financial aid for trainees

None

Other data

New evening and correspondence courses will start in February, 1970

SPECIAL

Course in classification

Type of training Conditions of admission Short course in classification Classification activities in the

field of technical and economic information, certificate of the final examination in secondary school, or univeristy degree

Are foreign participants allowed

Duration of training

For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted

Language of lectures

Tuition fees

Financial aid for trainees

20 hrs per week

Classification specialists

None

Certificate of attendance

Hungarian

100 Ft

None



Other data

The themes of the 20-30 hrs information short courses will be fixed by CMKDK on basis of current special problems

Plans for other types of course:

In 1969: application of manual punched cards, 30 hrs preparation of permuted index, 20 hrs

SPECIAL

Courses on information in foreign languages

- French course, organized by OMKDK and UFOD (1967): Techniques of handling special French literature, 30 hrs
- Russian course, organized by OMKDK and VINITI (1968): Expedient forms and means of special information for different groups of users

Type of training Conditions of admission

Short courses in foreign languages Information activities, university degree or intermediate grade qualifications, knowledge of the language of the course

Are foreign participants allowed

Conditions of admission
Duration of training

For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted

Language of lectures Tuition fees Number of trainees

Other data

ge of the course Yes

On basis of permission of the OMKDK 5 days, 30 hrs

Information specialists

None

Certificate of attendance

1967: French, 1968: Russian

About 400 Ft

Two courses, about 40 trainees

The aim of the courses is besides getting acquainted with current special problems, that the documentalists should practice the foreign languages; there are no interpreters at the courses

Plans for other types of course:

Short courses in English and German.



INDIA

TRAINING INSTITUTIONS. CURRICULA AND OTHER INFORMATION

BANGALORE

Documentation Research and Training Centre (DRTC), The Indian Statistical Institute,

112 Cross Road 11, Malleswaram, Bangalore 3

Director: Prof. A. Neelameghan

Year of foundation of the course: 1962

POST-GRADUATE

Course in Documentation, Information science, Special librarianship

Programme

The total number of hours for the course leading to the Associateship of the DRTC is about 2250, excluding the post-course trend report. For the preparation of the trend report, residence in the DRTC is not obligatory. The approximate percentage of lectures and tutorial hours for each of the subjects is as follows:

Group I

 Universe of subjects, its development and structure Depth classification (theory and practice) 	3 % 30 %	
Group II		
1. Library cataloguing 2. Documentation a) mechanical aid in document retrieval b) reprography	12% 25%	
c) evaluation of documentation work 3. Research and technical library systems	15%	
Group III magnetic magnetic statements	eterik 1 tika	ahar A

2. A project in the survey of trends in current literature:

1. Post-course apprenticeship in documentation

six months after the formal course Type of training

Carried Advisor Andrews

Special school for research and teaching documentation Course in documentation, information science and special librarianship

15%

Conditions of admission

skiebologika nobel elikari orangez

es an earlie 🖟 glitaketilet grott

1. A university degree in one or other of the natural, applied or social sciences, and a university degree or diploma in library science, or an equivalent; or

 M.A., M.Sc., or an equivalent degree in one or other of the natural, applied or social sciences, or a degree in engineering, technology, agriculture, animal husbandry or medicine, and some practical experience in documentation.

Admission to the course is strictly based on the merit of a candidate as judged by his academic record, and if necessary, performance in a special admission test held for the purpose, or personal interview by a selection committee.

Are foreign participants allowed Conditions of admission Duration of training

Yes

Same as for Indian students

Full-time course: 15th April of one year to 31st December of the following year. (15th April of one year to 14th June of the following year is the period of the formal course; residence in the DRTC is obligatory. A period of 6 months — 15th June to 31st December — is allowed for completion of a post-course project)

For what kind of work are the students being trained

Documentalists, information scientists, special librarians, subject information specialists, specialists in classification, specialists in abstracting, specialists in mechanization, etc. Librarians in senior positions in special libraries

Examinations

A written and oral test
Assessment based on performance in
the assignments given during the
course, participation in group discussions, colloquia, and seminar;
satisfactory completion of the projects; terminal examinations and
viva-voce for the post-course work

Degrees or other qualifications granted

Associateship in Documentation Research and Training; and Associate Fellowship in Documentation Research and Training

Language of lectures

English



Tuition fees

Financial aid for trainees

Ihmber of trainees

Other data

No tuition fees. Residence in the hostel attached to the Centre is obligatory during the first fourteen months of the course. A monthly seat rent of Rs 25/- and a monthly hostel mess charge of about Rs 85/- are collected from each student. Cost of books and stationery articles: about Rs 300/- for the course

Stipends for non-deputed candidates on merit-cum-means basis; and research scholarships

A maximum of 6 students are admitted for each course. Two research fellows are also taken.

- Senior documentalists are given facilities to reside at this Centre and work on a specific project for a period of 2-3 months
- 2) An annual seminar on specific subjects in the field of documentation forms an integral part of the programme of the Centre. The trainees in the Documentation Course have to participate in this seminar
- 3) The teachers and research fellows of the Centre are continuously engaged in research in documentation and the technique of teaching in documentation
- ching in documentation
 4) Since its inception in 1962, the staff and students of the Centre have published over 300 research papers. The teaching and the research staff have also published seven books during the same period
- 5) The Centre publishes the "Library science with a slant to documentation", a learned periodical, in collaboration with the Sarada Ranganathan Endowment for Library Science. It also publishes the volume of papers and proceedings of the annual DRTC seminars

Plans for other types of course in 1968-1970:

Application of management science to library and documentation work.

CALCUTTA

Indian Association of Special Libraries and Information Centres (IASLIC), Albert Hall 15, Bankim Chatterjee Street, Calcutta - 12

Director: Shri S. Ghoshal, Honorary Registrar

Year of foundation: 1966

POST-GRADUATE

Advanced course for librarians of scientific and technical libraries

Programme		hours
1. Patterns of subject formation	٠,	50
2. Research and technical library services		50
3. Depth classification		
a) theory		35
b) practical		35
4. Cataloguing and indexing		
a) theory		35
b) practical	·	35
5. Documentation		35
6. Bibliographical services		35
7. Information services		- 50
8. Reprography		25
9. Translation services		25
10. Project report (covering items 3, 4 and 5)		50

Type of tro	iining
-------------	--------

Conditions of admission

Are foreign participants allowed

Conditions of admission

Duration of training

For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted

Language of lectures

Course of librarians of scientific and technical libraries Advanced course senior personnel

- 1) Membership of IASLIC
- 2) Graduation with Degree or Diploma in Librarianship
- 3) Preference to candidates working in special libraries, especially if nominates

Equivalent qualifications

One-year, part-time

Scientific and technical librarians

Written for items 1-9;

Written and oral for report 10

Diploma in Special Librarianship and Documentation 2007 2007 2007

to become the to the field to 12



Tuition fees

Rs 150/-

Financial aid for students

1) Gift copies of CC and CCC available through the generosity of the Sarada Ranganathan Endowment

2) IASLIC President's medal to the

best student

Number of trainees

Other data

6 (4 first class and 2 second class)

in necessaria di al cual cual

Extension lectures by specialists

scientists are arranged

NEW DELHI

The Indian National Scientific Documentation Centre (INSDOC),

Hillside Road, New Delhi - 12

Scientist-in-charge: Mr. S. Parthasarathy

Year of foundation: 1964

POST-GRADUATE

Course in documentation and reprography

Programme

1. Organization and administration of special libraries

Organization

a) Libraries. Purpose and functions. Different types of library

b) Origin of special libraries and their growth

- c) Different kinds of special libraries: libraries attached to industrial, commercial and research organizations
- d) Functions of special libraries in relation to their parent bodies and outside agencies
- e) Physical lay-out and equipment of special libraries.
- f) Library co-operation
- g) Public relations

Administration

- a) Principles of scientific management
- b) Functions and organization of the different sections of a library
 - acquisition: book-selection, ordering, donation and exchange
 - processing: classification, cataloguing and preparation for
- readers services: reference and information service, circulac) Personnel administration

- d) Finance and budget
 e) Maintenance observation as insolving of a constant to the maintenance observation as insolving of the constant of the 2. Reference service and bibliography

Reference service and a maintaining and an area to the service service and the service service service and the service service service and the service service

- a) Definition: reference, book and reference service
- b) Reference books; types and use
 - dictionaries
 - encyclopaedias
 - yearbooks
 - bibliographical dictionaries
 - geographical dictionaries
 - directories, handbooks, manuals and guides
 - bibliographies, indexes and abstracts
- c) Reference service: short and long range
- d) Literature searching techniques

Bibliography

- a) Definition of bibliography
- b) Evolution of the concept of bibliography and the emergence of different types of bibliography
- c) Bibliographic organization and control
- d) Methods of compilation of a bibliography
- e) Physical bibliography: types, qualities and size of paper
- f) Type faces. Composition. Book illustration. Printing and nearprinting processes. Book binding. Preservation of documents
- 3. Pattern of knowledge and classification

Pattern of knowledge

- a) Main trends in the history of science: major contributions made by Greece, Rome and other European countries in the field of science from the early ages to modern times
- b) Evolution of research methods: application of scientific methods to social sciences
- c) Pattern of development of knowledge: modes of formation of knowledge; study of the universe of knowledge as a dynamic continuum; study of the pattern of development of knowledge in relation to library classification

Classification

- a) Need and purpose of classification
- b) Theory of classification
 - canons of classification
 - subject analysis
 - fundamental categories and their sequence
- c) Notation

 - functions and qualities zone and sector analysis
- d) introduction to major schemes of classification
 - DC, UDC, BC, LC and CC
- e) Comparative study of UDC and CC
- f) Schemes of classification for special collections and for the collections and the collections and the collections are collections. special purposes รางความของค์สาคา ก็ป
- g) Principles of designing classification schedules
- h) Relation of classification to subject cataloguing and indexing
- 1) Classification, its role in information storage and retrieval

4. Cataloguing

a) Definition, purpose and functions of the catalogue

b) Forms and types of catalogues:

- physical form: card, sheaf and book forms

- inner form: author, title, alphabetical-subject, dictionary, classified, alphabetical-classed catalogues
- Different kinds of entry: main and added entries and their functions

d) Subject cataloguing and chain indexing

 e) Catalogue codes. Principles relating to the preparation of cataloguing codes. Comparative study of ALA and CCC

f) Selective and simplified cataloguing

g) Cataloguing of special types of material

h) Union catalogues

i) Catalogue maintenance. Featuring, filing, etc.

5. Documentation: organization

- a) Development of the concept of documentation
 - documentation as a new discipline
 - scope and purpose

b) Experiments at international level

- Royal Society, London; IIB and FID; Concilium bibliographicum; International Institute of Intellectual Cooperation; IFLA; UNESCO
- c) Documentation centres in developing countries
 - promotion and coordination of documentation services

- role of UNESCO and FID

- d) Scope for future development
- e) Types of documentation centre
 - international, regional, national, local

- general and subject coverage

- f) Problems of centralization and decentralization of documentation services
- g) Sources of information
 - learned and professional societies, government departments, industries and firms, and research establishments

h) Kinds of documents

- i) New trends in scientific communication
 - short communications and letters to the editor

- data type periodicals

- previews and reporting type periodicals

- other forms of communication

j) Control of scientific literature

- Davis's plan, Bernal's plan, Woke's plan, etc.

 k) Procurement of documents. Organization of service, flow of work, copyright problems, etc.

I) Translation service

- indexes and bibliographies of translations
- cover-to-cover translations
- language dictionaries
- organization of translation work

- 6. Documentation techniques
 - a) Various kinds of documentation lists, their evolution, purpose and functions
 - b) Documentation lists on demand, in anticipation; retrospective and current. National and international coverage
 - c) Bibliographical citation and their uses
 - d) Compilation of documentation lists
 - standards for bibliographical references including citations
 - abbreviation of titles of periodicals
 - transliteration
 - e) Information indexing

Special indexes: Co-ordinate index:

Permutation index Patent index

Molecular formula index Citation index, etc.

- f) Abstracting
 - principles of abstracting
 - types of abstract
 - personnel
 - use of author's synopsis
 - slant in abstracting
 - national and international coordination of abstracting services
- 7. Modern methods of information storage and retrieval
 - a) Information flow system
 - b) Information analysis and selection: description of documents, descriptor language, generic and specific descriptors, thesaurus
 - c) Information storage: recording media like cards, tapes, etc.; coding; file organization, etc.
 - d) information retrieval: search procedure
 - e) Comparative study of information retrieval systems
- 8. Reprographic methods
 - a) Basic reprographic systems: silver halide photography, diazography, thermography, electrography, hectography, mimeography and graphic arts processes
 - b) Processes, techniques, equipment and materials
 - facsimile copying: contact methods, projection methods
 - microcopying
 - microcopying duplicating processes
 - c) Standards and quality control
 - d) Managerial aspects
 - storage, servicing
- 9. Project report: a detailed trend or documentation report on a special topic and a second when a contract you are not an account of
- 10. Class work: written assignments, participation in colloquia and practical work at INSDOC e to de leithfrige Halm s

The total number of hours for the course leading to the Associateship in Documentation and Reprography of INSDOC, is about 2000, excluding the time devoted to the completion of the project report.



The approximate percentage of lectures and tutorial hours for each of the subjects is as follows:

Organization and administration of special libraries Pattern of knowledge and classification Cataloguing and indexing Documentation Information retrieval Reprography	15% 15% 15% 25% 15%
	100%

Type of training

Course in documentation, information science, special librarianship and reprography

Conditions of admission

Only candidates who have at least a second class Master's degree will be admitted to the course, and exceptionally candidates who are already working in the national laboratories and research institutions, provided their record of service achievements justify their admission

Are foreign participants allowed

Yes

Conditions of admission

Same as for Indian students

Duration of training

One year (full-time): August to July of the following year, excluding the three months given after the completion of the project when staying at INSDOC is not obligatory

For what kind of work are the students being trained

Documentalists, documentalists with special subject background, specialists in classification, specialists in abstracting, specialists in mechanization, etc. Scientific and technical librarians, information specialists

Examinations

Assessment based on the written examination at the end of each term, performance on written assignments, participation in colloquia and practical work, and satisfactory completion of the project report

Degrees or other qualifications granted

Associateship in Documentation and Reprography

Language of lectures

English

Tuition fees

Rs 240/- for the whole course plus maintenance charges

No hostel facilities are provided by INSDOC

Number of trainees Other data 16 with distinctions

INSDOC undertakes to train practicising documentalists, information officers and librarians for smaller periods, on request from the organization, depending upon the type of training requested

ADDITIONAL INFORMATION

BANGALORE

The <u>Documentation Research and Training Centre (DRTC)</u> is sponsored by the Indian Statistical Institute for the purpose of conducting research and to provide advanced training to postgraduates in documentation work and service. One of the objectives of the DRTC is to convene annual seminars on specific topics in the forefront of thought in documentation, for example the subjects of the seminar of DRTC organized in December 1968 were:

- 1. Subject analysis
- 11. Quantification
- III. Translation services

NAGPUR

Nagpur University, Faculty of Arts, Department of Library Science provided a regular one-year training course for graduates leading to the examination for the Diploma in Library Science.



INDONESIA

TRAINING INSTITUTIONS. CURRICULA AND OTHER INFORMATION

There are as yet no training courses in Indonesia. There is, however, a <u>Library School</u>, Medan Merdeka 11, Djakarta.

Dr. W. Lorch, a UNESCO expert in documentation, was assigned in 1962 to the Council for Sciences in Indonesia to assist in setting up a documentation centre. One of his duties is to train future documentalists.

The series of lectures he held included:

- Collecting and selecting scientific information
 Storage and retrieval of information
- Bibliographical work, annotating and abstracting
 Dissemination of information and publishing
- 5. Scientific translation
- 6. Document reproduction

IRAN

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

TEHRAN

University of Tehran, College of Education, Department of Library Science,

78 John F. Kennedy Avenue, Tehran

Bachelor's Degree Programme

- 1. Introduction to libraries and librarianship
- 2. Basic reference sources
- 3. Book selection
- 4. Basic cataloguing and classification
- 5. School and public librarianship
- 6. Academic and special librarianship
- 7. Children's and young adults' literature
- 8. Library internship
- 9. Audio-visual services in libraries

Master's Degree Programme

- 1. Advanced cataloguing and classification
- 2. Library materials for children and young adults
- 3. Library services for children and young adults
- 4. Special, public and university library service
- 5. Advanced reference sources
- 6. Information science
- 7. Research papers
- 8. Library internship

Conditions of admission

- for Bachelor's Degree Programme: University undergraduates, ability to read English
- for Master's Degree Programme:
 Bachelor's Degree from an accredited
 University, ability to read English

Duration of training

For what kind of work are the students being trained

Degrees or other qualifications granted

Language of lectures

Tuition fees

Financial aid for trainees

Three semesters

To organize and manage modern university, special, school and public libraries

Bachelor's Degree in Library Science Master's Degree in Library Science

Bachelor's Degree Programme: Farsi Master's Degree Programme: English

According to University schedule

Scholarship aid and part- or full-time library positions available



IRAQ

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

BAGDAD

A course in librarianship is conducted at the University of Bagdad

Programme includes:

- Bibliographical research
 Cataloguing
 Classification
 Acquisition of documents

Duration of training

6 months

IRELAND

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

DUBLIN

School of Librarianship, University College Dublin, Earlsfort Terrace, Dublin 2

Director: Ellen Power, M.A., F.L.A.

Year of foundation: 1928

POST-GRADUATE and NON-GRADUATE

Programme

- 1. Bibliography, including historical bibliography and book production
- 2. Book selection
- 3. Reference and information work
- 4. Statistics
- 5. Systems analysis
- 6. Cataloguing and classification
- 7. Administration
- 8. Research methods
- 9. Psychology of reading
- 10. Palaeography
- 11. Archives

The subjects of the course are conveyed in approx. 12 formal classes, tutorials, practice work, visits to libraries, printing works, bindery etc., which are an essential part of the Course.

Type of training

Conditions of admission

Course in librarianship and information science

 A university degree for one year course
 A reading knowledge of 2 modern languages (1 only for public

library option)

2. Non-graduates must be at least 19 years of age and have had two years experience in an approved library. They must hold the Matriculation Certificate of the National University of Ireland A reading knowledge of 2 modern

Are foreign participants allowed Conditions of admission

Yes As above

languages



Duration of training

One-year full-time course for graduated students
Two years for non-graduates

For what kind of work are the students being trained

Librarians for University, special and public libraries, archivists

Examinations

The Diploma Examination consists of Papers in bibliography, book selection, reference work, cataloguing and classification and administration, archives

Degrees or other qualifications granted

University Diploma in Librarianship

Language of lectures

English

Tuition fees

£ 40

Financial aid for trainees

None

Number of trainees

Non-English speaking students only. Approximately one student each year

Other data

The School has access to the computer in the Science Faculty. It is fully integrated into the other teaching departments in the University

na kalan ang kapatengan kabupatèn ng KitabinA

ISRAEL

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

TEL-AVIV

Center of Scientific and Technological Information, Department of Documentation,

84 Hachashmonaim St., Tel-Aviv

Director of the course: (Mrs) L. Vilentchuk

Year of foundation of the course: 1968

POST-GRADUATE

Course in information science

Programme

1. Sources of information

120 hours

- a) Basic reference sources and search techniques. Principal reference tools including sources of publications (commercial, professional, governmental, etc.). Selection and acquisition of documents
- b) Information sources in science, technology, commercial and economic literature. Subject encyclopaedias and dictionaries. Monographs. Bibliographies. Review series. Abstracting and indexing services. Theses. Research organizations, data centres and other sources of specialized information
- 2. Information processing

150 hours

a) Cataloguing:

Types of catalogue: author, title, classified, dictionary. Codes and procedures. Physical forms of catalogues. Filing principles. Chain indexing. Union catalogues. Card services

b) Principles of classification: Introduction to the main library classification schemes: Dewey, LC, Bliss, Colon; detailed study of UDC

c) Advanced classification and indexing: Analysis of retrieval systems. Description of documents. Indexing of books and periodicals. KWIC and KWOC indexes. Feature cards and edge-punched cards. Descriptor languages. Chemical codes. Structural models. File organization and coding. Search procedures. Automation of storage and retrieval. System parameters and procedures

 d) Editing, proof-reading, technical translations, transliteration. Preparation of bibliographies and reviews. Abstracting. Publishing (in Hebrew and English)

3. Use of machines in information processing

96 hours

a) Reprography:
Printing. Contact and optical re

Printing. Contact and optical reproduction methods. Equipment, materials, processes and costs



- b) Computers hardware and software:
 - Systems analysis. Machine-readable records. Mechanical and electronic aids to processing and transmission of information. Optical scanning devices. Practical demonstration
 - Computerized information storage and retrieval.

 Equipment used in information processing. Machine construction of indexes. Working IR systems utilizing computers: MEDLARS, DDC, Euratom, AEC, NASA, MARC, Chemical Abstracts, Clearinghouse for Federal Scientific and Technical Information, Engineering Index. Computers in libraries. Computerized typesetting. Economic evaluation. Practical demonstration
 - Computer programming. FORTRAN. Simple IR examples.
 Seminar project

4. Information science

150 hours

Organization, administration and management of scientific and technical information:

- a) Generation and use of information. History of science and technology. Information seeking: behaviour of scientists and technologists as communities and as individuals. Dissemination of innovations. Man-system interface. Language and linguistics. Classification theory. Cybernetics
- b) National and International information and library networks. History, institutions, cooperation. Literature of information science and librarianship
- c) Information centres, data banks and special libraries: subject versus mission orientation. National, academic, industrial, commercial, governmental, public and research institutions, their objectives and special problems of organization, administration and management. Organization and methods (O&M). Introduction to operations research (OR). Survey techniques
- d) Design and management of information centres, data banks and special libraries. Physical planning, services and routines, preparation and dissemination of information bulletins and reports. SDI. Staffing, budget and evaluation of performance and costs. Information searches: scope and factors affecting plan and conduct of search
- e) Introduction to business and government archives

Visits will be organized to important information centres, libraries, publishing houses, computer installations, research institutes and industrial plants.

Type of training Conditions of admission

Course in Information science Candidates for the course must be holders of a B.Sc. or B.A. degree

culture, medicine or economics, or its equivalent. Candidates who have special qualifications but have not completed all their degree requirements may be admitted under certain circumstances. Special emphasis will be placed on good knowledge of the

in the natural sciences, mathematics, statistics, engineering, agri-

English language (reading, writing and speaking) as well as an adequate knowledge i at least one other foreign language

One academic year

Professional information specialists

Examinations consist of:

- 1) A paper of 3 hours duration in each of the four subject groups of the course
- 2) A special study, selected in consultation with a lecturer and carried out individually under his supervision. This will provide each student with an opportunity for some intensive work on any topic in the field of information work which is of particular interest to him

Contributed to recogni

Hebrew and English

Every year decided ad hoc

angle for the term introduced inguity was larger of the Engled with Engled

round kap in a sing of himper is bearing territories of Gas Height of

Vigitale 11 fores el centre de la composición de la composición de control de control de la tentre de la control d

Duration of training

For what kind of work are the students being trained

Examinations

Degress or other qualifications Diploma in Information Science granted

رُانِ يَوْنِي أَنْ أَنْ أَلَا أَضَا وَهُنِ زُوْرَ مَا يَعَمُ وَقُولِ لِيْنِ

net thouse as many and their earlightening. 医动物性 医乳毒 化氯化二烷基 医二氯苯二甲酚酚

Language of lectures

Tuition fees

Number of trainees and trainers have been experienced to the second and trainers but

ITALY

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

MILANO

<u>Istituto Superiore di Tecnologia Industriale</u> (Higher Institute of Industrial Technology), Piazza Tito Lucrezio Caro 8, Milano

SPECIAL

Course on documentation and planning studies

Programme

1. Theoretical bases of planning

- Tools for planning: philosophical instrument, mechanics of thinking and principles of mechanizing the activities of an intelligent human being, composition of a correlational network, the mathematical instrument, the cooperation
- Planning: dimensional and metric analysis of the obstacle to be surmounted
- 4. Documentation activities: collecting data for planning which are adequate for the obstacle to be surmounted, criteria for analysis of documents, classification of documents, correlation between various classifications, methods of supplying information, mechanical translation
- Planning: choice of material, technical synthesis, technological synthesis, control

Type of training

Evening course for advanced training of industrial workers

ROME

Scuola di Tecnica dell' Informazione, Universita degli Studi di Roma, Facoltà di Scienze Statistiche, Demografiche e Attuariali (School of Information Techniques at the Faculty of Statistical, Demographic and Actuarial Sciences of the University of Rome), Citta Universitaria, Rome

Director: Prof. F. Fattorello

Year of foundation of the School: 1949

NON-GRADUATE

Programme

First-year students who passed all the compulsory examinations may obtain permission to take subjects of the second year. Since the lectures of the first and second year are held on alternate days, it is practically possible to go through both years at the same time.



1st year of studies (lectures)

- 1. General sociology
- 2. Theory of studying public opinion3. Social theory of information
- 4. History of means of publication
- 5. Technique of sounding public opinion
- 6. Legislation concerning journalism

2nd year of studies (lectures)

- A. General subjects
 - 1. General methodology of organization
 - 2. Methodology of planning
- B. Techniques in relation to means of information

 - Techniques of journals and bulletins
 Techniques of graphic art and posters
 - 3. Film technique
 - 4. Techniques of oral, radio broadcasting and television propaganda
 - 5. Techniques of reproduction and automatic documentation

2nd year of studies - specialization (seminars)

- 1. Technique of ideological propaganda
- 2. Technique of commercial publications
- 3. Technique of scientific documentation
- 4. Technique of tourist propaganda
- 5. Technique of the organization of exhibitions
- 6. Technique of insurance propaganda
- 7. Public relations (maintaining relations with other institutions)
- 8. Technique of military journalistic organizations

Type of training .

Conditions of admission

Professional school of information techniques

- 1. Birth certificate
- 2. Good conduct certificate
- 3. Leaving certificate of a secondary school

Officials and employees of state enterprises can present a certificate issued by their superior authorities containing their personal data, data concerning their studies (place, year and kind of school they have completed) and a written opinion from their place of work with the position they have occupied - instead of documents mentioned above

Duration of training

Two years

For what kind of work are the - young people who wish to master students being trained the profession of information



assistant and work in state administration after receiving their diploma

- employees of state and private enterprises who would like to make their work more efficient
- persons who would like to obtain managing jobs in the press or in propaganda
- persons who intend to work in documentation centres, research centres, or in the information service. Special training indispensable to a documentalist's work, including the most recent achievements in the methodology of scientific documentation, is being arranged for the last group The school also confers a degree

The school also confers a degree qualifying graduates to fill the post of press attachés

No entrance examinations Students take examinations every year. Students who have passed all the examinations required for the second year are admitted to the final examination (diploma). All students who intend to obtain a degree of "information techniques expert" must take examinations in all the subjects which are general or special of the 2nd year. They must also pass examinations in journalistic information, graphics, film, oral, radio broadcasting and television propaganda techniques and finally in the techniques of reproduction and automatic document-

Degrees or other qualifications

Language of lectures

Tuition fees

Examinations

Information techniques expert

Iralian

- -for the entire course 20.000 lire
- -for the final examination 10.000
- —for each examination taken during the course 400 lires (1994) Piston (1995) The course 400 lires (1994) Piston (1995) Piston (1

bel to grafalous up to amothe

122

Number of trainees	1949: 14 1950: 11 1951: 18 1952: 20 1953: 13	1954: 18 1955: 13 1956: 16 1957: 14 1958: 13	1959: 12 1960: 9 1961: 11 1962: 22
RO	ME		•
Consiglio Nazionale delle Ricerche Piazzale delle Scienze 7. Rome	— (National Res	search Counci	Ι),
Director: Prof. P. Bisogno	•		
Year of foundation of the course: 19	968		
Course of documentation			•
Programme			
Theoretical part	•	•	hours
1st day:			
 Introduction Documentation and information: do of a documentalist The document and its various part Availability of documentation for libraries Types of information and collecting reference to bibliographies, scientistrature A brief survey of principal systems specifications of the Ministry of 	ts chemists in ons relevant entific books ems of catalo	n US universing to them, with and other so	1 ty 1 th special cientific 1 an
2nd day:			hours
 Brief information on principal synchemy, UDC, LC System of classification with factors. Availability of documentation for Australia and Paris Electronic devices for automatic Terminology and problems relevant Xerography and microfilm as media Electronic devices for automatic Electronic devices for automatic 	cets and key- chemists in information to linguist for dissemi	words Ilbraries o retrieval ics nating infor	1 1
All lectures end with a discussion of lecturers and students Practical part	•	ed subject b	etween
Compilation and comparison of catalo			
ations of the Ministry of Industry a	and the Vatio	an with the	following



examples:

	hours
 a. work by one author b. work by two authors c. work by more authors d. work according to title e. periodicals (when the title chan periodical occurs, or when publif. f. articles from a periodical g. collections h. governmental documents 	
i. congresses, conventions, symposij. patents	a, conferences 5½
4th day:	
Classification of the above publica and key-words	tions by UDC, facets 5½
5th day:	the transfer of the second second
 Analysis of possible compatibili universal classification systems Visit to the Electronic Centre of 	3½
Discussion	
6th day:	en e
 Practical work The functions of information in in Italy 	research and industry
3. Methods of meeting the users' ne documentation services, and edit their results4. How to organize a documentation cooperation of various services	orial dissemination of
Type of training	Refresher course of documentation
Duration of training	6 days
For what kind of work are the students being trained	Workers of experimental stations of the Italian industry, scientific and technical librarians
Examinations	None
Degrees or other qualifications granted	None Property of the second of
Language of lectures	Italian Kodorka Orokawa I
Number of trainees	20
Plans for c'her types of course in	

ROME

Istituto Nazionale per l'Incremento della Produttività,

Piazza indipendenza, 11/B - 00185, Rome

Director: A. Lusignoli

Year cf foundation of the courses: 1964

SPECIAL

Course on organizational and structural problems of documentation and information

Programme

- 1. Collecting of documents
 - a. scope of collection
 - b. information material
- 2. Classification of documents
 - a. subject catalogues
 - b. classification systems
 - c. cataloguing and kinds of catalogue
 - d. patent classification
- 3. Cataloguing of documents
- 4. Preservation of documents
- 5. Selection and analysis of documents

Type of training

Special course

Duration of training

5 days

For what kind of work are the

students being trained

The course is intended for persons employed in libraries, documentation and information services, offices, etc. who wish to deepen their knowledge and bring it up-to-date

Examinations

None

Degrees or other qualifications granted

None

Language of lectures

Italian

Tuition fees

30.000 lire

Number of trainees

Not more than 15 students may attend the course at a time

SPECIAL

Course on the modern archive

Programme

- 1. Principles and problems of the science of administration
- 2. Analysis of the organizational structure of an institution and its activities
- 3. Organization of the archival service
- 4. Classification: determination of the classification system
- 5. Equipment of the archives

Type of training Special course

Duration of training 5 days

For what kind of work are the The course is destined for archive students being trained personnel

Examinations None

Degrees of other qualifications None granted

Language of lectures Italian

30.000 lire Tuition fees

Number of trainees Not more than 15 students may attend the course at a time

SPECIAL

Course on audio-visual methods of transmitting information

Programme

- 1. Phenomenon of communication
- 2. Elements of the technique of communication
- 3. Means of communication
- 4. Technique of audio-visual communication
- 5. Presentation of audio-visual methods of informing and communicating
- 6. Information and training techniques by means of radio, television, film and press
- 7. Summing-up and conclusions

Special course Type of training

5 days Duration of training

The course is intended for managers For what kind of work are the and personnel of state institutions students being trained and for instructors conducting work by audio-visual methods



Examinations

None

Degrees or other qualifications

None

granted

Language of lectures

Italian

Tuition fees

50.000 lire

Number of trainees

Not more than 20 persons may attend

the course at a time

SPECIAL

Course on photodocumentation and microreproduction

Programme

1. The photographic process, its origin and development

2. Knowledge of physics and chemistry, photographic technique, preservation and checking of equipment

3. Practical exercises in a photographic laboratory

4. Microphotography of documents

5. Microphotographic system, microphoto technique

6. Equipment of a laboratory

7. Defects and shortcomings of microfilms

8. Practical exercises in microphotography

Type of training

Special course

Duration of training

Two weeks

For what kind of work are the

students being trained

Employees of photographic and microphotographic laboratories

Examinations

None None

Degrees or over qualifications

granted

I tali∋n

Language of lectures

Tuition fees

30.000 lire

Number of trainees

Not more than 15 persons may attend

the course at a time

SPECIAL

Course on mechanization of documentation

Programme

- 1. Structure and functioning of a documentation and information centre
- 2. The technique of document reproduction
- 3. The technique of preserving documents

4. Checking the microfilms archive

5. Automatic documentation

a. equipment for automatic reproduction of documents

document retrieval by means of electronic apparatus
 automatic indexing of literature

Type of training

Special course

Duration of training

5 days

For what kind of work are the

Librarians and personnel of document-

students being trained

ation and information centres

Examinations

Degrees or other qualifications

None

granted

Language of lectures Tuition fees

Italian 30.000 lire

Number of trainees

Not more than 15 persons may attend

the course at a time

ADDITIONAL INFORMATION

TORINO

The <u>Centro di Studi ed Applicazioni di Organizzazione Aziendale della Produzione e dei Trasporti</u> (Centre for Studies and Applications of Production and Transport Management) sporadically arranged courses in documentation and information techniques.

The first one was held in 1963 - "Refresher course on documentary and information techn : ..., the second in 1965 - "Training and re-training in the field of documentary techniques".

JAPAN

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

TOKYO

Keio University, School of Library and Information Science, Faculty of

Mita, Minoto-ku, Tokyo

Director: Prof. T. Sawamoto

Year of foundation: 1951 as Japan Library School,

1967 Graduate Program started,

1968 name of School changed to School of Library

and Information Science

GRADUATE

A. Undergraduate programme of training

Requirements for graduation:

To receive the Kejo University Degree of Bachelor (Faculty of Letters) or Bungakushi, students must - in addition to the general education course requirements - meet the following requirements:

- 1) Students who are candidates for the degree will complete a total of not less than 72 units noted below, over and beyond general education studies:
 - 36 units of required courses in library and information science
 - at least 10 units of elective courses in library and information science
 - at least 26 units of elective courses from the list of approved courses of the Faculty of Letters
- 2) Students will have practical work counting for 8 units over and above the 72 units noted above. Students should plan to spend two weeks in the observation and practice assignment. This is carried on in certain outstanding libraries or information centres. The assignment includes directed, individual study and thesis based on the practice and observation
- 3) Students may take other courses which are not listed as required or elective; however, the units of these courses are not to be counted in the 72 units required for the degree

l'rogramme

Required courses	Semester	Units
1. Introduction to library and information science	1-11	2
2. Readings and colloquim of basic literature 3. Information systems: introduction	I-II I-II	2 .
4. Organization of recorded materials (1) 5. Organization of recorded materials (11)	1-11	3



 Organization of recorded materials (III) Introduction to information storage and 	1-11	4
retrieval	. [2
8. Reference and information service	1-11	2
9. Reference and information sources	1-11	2
10. Japanese and Chinese classic materials	1-11	2 2
11. The literature of the humanities	11	2
12. The literature of the social sciences	i'	2
13. The literature of science and technology (1) i	2 2
14. Audio-visual materials	1-11	2
		2
15. Selection of recorded materials		
16. History of books and libraries	1-11	2
In lieu of the degree examinations:		
Practice and thesis	Summer	8
Elective courses	Semester	Units
1. Administration of library and information	* •	
systems (1)	1	2
2. Administration of library and information		
systems ()	11 1	2
3. Administration of library and information	• • • • • • • • • • • • • • • • • • • •	~
systems ()	1.1	2
4. Administration of library and information	• • • • • • • • • • • • • • • • • • • •	2
systems (IV)	11.	
		2 2
5. The literature of science and technology (II) 11	
6. Literature for children and young people ()		2
7. Literature for children and young people (1)		2
8. Audio-visual education	1 L	2
9. Special course in library and information	and the second	and the second
science	1-11	2
10. Seminar on library and information science	, , , - 1 - 11	. 2
Other approved elective courses in the Faculty in brackets are course units):	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	the figures
Bibliography (4) Diplomatics	(4)	
Philosophy (8) History of	philosophy (4)
Epistemology (4) Religious p		1)
Chinese philosophy (4) Indian phil		化多点电流 海流
Ethics (8) History of	ethics (4)	
Aesthetics (4) History of	fine arts (8	3)
Arts (4) Education (8)	
History of education (4) Educational	administra	tion (4)
Social education (2) Philosophy	of education	1 (2)
Principles of education (3) Educational	measuremen	
Educational statistics (2) Psychology	(8)******	the state of the
Educational psychology (4) Clinical ps	vchology (4	yr er fertydd y 🖑
	sociology	
Sociology (8) Human ecolo		turif
Rural sociology (4) Urban socio	lony (4)	gyed a level of the
Social survey (4)	(4)	rear Linear Cold
Social survey (4)	17/	•

History of social ideas (4) Social policy (4) Principles of economics (4) Social work (4) Industrial history (4) Economic history (4) Constitutional law (4) Political science (4) History of legislation (4) Political history (4) Current topics (4) Principles of mass communica-Japanese history (8) tion (4) Western history (8) Methods of historical study (4) Anthropology (4) Oriental history (8) Archeology (4) Geography (4) General linguistics (4) Ethnology (4) Japanese literature (4) Museum science (7) Chinese language (4) Japanese language (4) History of Chinese literature (4) History of Japanese literature (4) Chinese literature (4) English literature (4) German language (4) English language (4) History of German literature (4) American literature (4) French literature (4) History of American literature (4) Russian literature (4) German literature (4) French language (4) Greek language (2) History of French literature (4) Latin language (2)

B. Graduate programme

Requirements for graduation:

To receive the Keio University Degree of Master or Bungaku-shushi, students must meet the following requirements:

- 1) Students shall reside on the campus for at least 2 years
- 2) Students shall complete a total of not less than 32 units of credit noted below:
 - 22 units of required courses demined to a standing no washeed to
 - at least 10 units of elective courses

(A) coffemble G

3) Students shall submit at thesis to the Graduate School Committee and pass the final examinations

(A) gdqanqqildda

Philosophy is: Programme: 10 anguent title to wrote the (the figures in brackets are course units) - (p) vgolometajq3 : Required courses tur yanggaling ceartail 1. Information science: introduction (4) las asitanten 2. The structure of information (1) (2) Acts 241 3. Information systems (4) (A) Suffaction to whatciff 4. Research methods (1) (4) (1) mostociios felbos. 5. Research methods (11) (4) It is trepain to relateriate 6. Information storage and retrieval (1) (4) (3) so taltate (end lacuba 7. Mechanization in information handling (4) Educational maying topy Elective courses to the second security Social, psychology (4) (8), yealoloc2 1. The structure of information (11) (2) Paret socialogy with 2. The structure of information: seminar (2) (b) Frey tue traines

- 3. Information systems: seminar (1) (2)
- 4. Information systems: seminar (11) (2)
- 5. Information storage and retrieval (11) (2)
- 6. Information storage and retrieval (111) (2)
- Information storage and retrieval: seminar (1) (2)
- 8. Information storage and retrieval: seminar (11) (2)
- 9. Information storage and retrieval: seminar (111) (2)

Type of training

Conditions of admission

interference op in de personalité de la communité des la communité de la communité des la communité de la communité de la communité de la communité des la communité des la communité de la communité de la co

in the first of th

Commonstantian to the sums of configuration in the configuration of the configuration.

inguiries may be made to the loan
of Students on the Mike compact
a) %4 3 Scholarable linds
to addition to the foregoing, lise
following scholarables have been
eade available for the 1968-69
ecodemic year. They Will be grangfor to adorable straggy whichies

and studying in the Cobou of Elbrary and Information believes Program instugit the School is Committed on subplancing Second, Clipston's (RIS) Scholars Selo Y 36,000

Üudsey kaguna Kemsmiai Schwiarship - 1‰ for graduäre stadents Y 80,000 esch Academic study in Library science and Information science

- 1) The second-year programme
 - those who have acquired at several least a total of 32 units of a credit of general education studies in a reputable college or university
 - those who have finished their second year in an old system higher shoool or in the preparatory course of an old system university, or in an old senmon gakko
 - those who are graduates of a junior college
 - those who are certified to have completed courses which are equivalent to or are beyond the levels noted above
 - entrance examinations
- 2) The third-year programme
 - those who have graduated from a new system college or university
 - those who have graduated from an old system university
 - those who are certified to have finished courses which are equivalent to or are beyond the levels noted above
- entrance examinations
- 3) The graduate program
 - those who have graduated from a new system college or univers-
 - ity
 - those who have graduated from an old system university
 - those who are certified to have finished courses which are equivalent to or are beyond the levels noted above
 - entrance examinations

Duration of training

For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted

Language of lectures Tuition fees

Financial aid for trainees

nge ja nediki maa ear arekel of nediki maa ear are eardt daide sagmada kondinsoo sy d ear maant talkakelen bokon alaasta adi baadet

our workerDerns after only after the

Care a wig us very graduated into a care of the care o

Chose who have prevered from an old system university those who are certified to have finished courses which are equivalent to be are become the levels noted scovers Undergraduate programme - 4 years including general education study

2) Graduate programme - at least 2 years

Information scientists, information officers, scientific and technical librarians, special librarians, teacher librarians

Entrance examination

- Keio University Degree of Bachelor (Faculty of Letters)
- 2) Keio University Degree of Master All graduates of the School are entitled to a librarian certificate

Japanese

- 1) Undergraduate programme: Y 179,150
- 2) Graduate programme: Y 70,900

Scholarships:

- Japan Scholarship Association Scholarship Funds Students interested in this scholarship may make inquiries to the Dean of Students on the Mita Campus, Keio University
- •2) Keio Scholarship and Loan Funds The funds have been established to assist excellent Keio students in real need. One scholarship will carry a monthly stipend of Y 5,000 or 3,000. Loans of Y 3,000 or 2,000 a month will be considered. Inquiries may be made to the Dean of Students on the Mita campus.
- 3) SkIS Scholarship Funds
 In addition to the foregoing, the
 following scholarships have been
 made available for the 1968-69
 academic year. They will be granted to students already enrolled
 and studying in the School of
 Library and Information Science
 Program through the School's Committee on scholarship.
 Founding Director's (RLG) Scholarship Y 36,000
 Budayu Kogure Memorial Scholarship
 two for graduate students
 Y 80,000 each

Number of trainees.

Other data

- two for undergraduate students Y 40,000 each. Onuma Scholarship Y 50,000 Children's Librarianship Scholarship Y 50,000
- 1) To the second-year programme: 50 and several transfers
- 2) To the third-year programme: 50 and several transfers
- 3) To the graduate programme: 10-20

Since 1951 the School of Library and Information Science has organized various seminars and workshops in order to reach and assist in-service personnel in the field of Library Science and Information Science all over Japan



134

MALI

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

BAMAKO

The <u>Ministry of Information in Bamako</u> has organized introductory courses in documentation since 1963.

Programme includes:

- 1. Acquisition of documents
 2. Cataloguing
 3. Classification
 4. Loans, etc.

Duration of training

1 or 2 months

NETHERLANDS

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

AMSTERDAM

Bibliotheek- en Documentatieschool (Library Keizersgracht 225, Amsterdam	
医二甲酚 医克里氏 医二氏性 医二氏性结束 化二氯甲基乙基乙基乙基乙基乙基乙基乙基乙基乙基乙基	and and the first terms of the first of the second of the first of the first of the first of the second of the first of th
Director: P.H. Berkelzar	inder gestern in der johrt vertiller der tilber i till det i d Det i det i de
Date of foundation of the school: 1964	
NON-GRADUATE	Court of galletinguation of the
	The state of the s
First course (two years)	
Programme	hours
Programme	
	1st year 2nd year
1. Documentation and collections	អូវនៃក្នុងនៅការកក្នុងស្រាវិកាណ្ឌស៊ីវិស៊ី នៅ
-> turner of document	<i>7</i>
b) history of the book	(Siinteni, ma <mark>8</mark> .arhiind <mark>8</mark> /
c) history of newspapers and periodical	5 of 4 of 8 $\frac{2}{3}$ $\frac{1}{3}$ $\frac{2}{3}$
d) history of (technical) reports	, రాత్రం గ్రామం, గ్రామం 🛂 స్టానికి ప్రభుత్వంలో 🛣 ్ర
e) history of standards and patents f) craphical techniques	3, websaasa =
f) graphical techniques	าง เดาสาราสาราสาราสาราสาราสาราสาราสาราสาราสา
g) binding	The production of American Section (1997). The control of the cont
h) reprography	ria de la B aria de f actoria f actoria
i) book selection and collection buildi	ng: Asaltalaa alfada (d. 2
public libraries	10m, angki 2i
j) book selection and collection buildi	
youth and school libraries	- 00 0 00 0 0 0 1 1 = 1 00 0 0 0 0 14 0
k) promotion of juvenile reading	santin saading 8. sadings Ti
1) reader consultation on novels	10
I) reader consultation on novels m) encouragement of reader interest	10
n) book selection and collection buildi	no:
o) book selection and collection buildi	no:
	anow and design year in the Tare
Special Fibraries	a ma manatangga a managa asa
	78 61 3.5240
2. Literature processing and reference wor	K
a) introduction	이 전 등 시간 역사 그의 병에 발표 그래?
- forms of catalogues	2 · · · · · · · · · · · · · · · · · · ·
- theory of literature processing	**************************************
- knowledge of names	
- hibliography history and use \$500	102 2021 8 2 10 10 1 6
# = abstracting journals! history and	isetembrook and Probable of the Color
8 - government publications (see 8)	G de l'accest de l'attracte de la company
- periodicals	d to calculo daiges 20
- newspapers	mach gre5citive of 2%
? - reference work (public, youth and	
2 libraries)	scrence
ウィース・エム・ストーリーロー 1センティ ほうかん アンカーション かんじょうかい かんご	1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、



3.1. 医有压力 经收益 医二甲基二甲基			
		hours	
2000 a por los por	1st ye	ar 2nd ye	ar _. '
- documentation	8	6	100
- periodicals circulation	. 2		
- manuals and reference works	12	8	
b) practice - title description		alamenta e e e e e e e e e e e e e e e e e e e	e. Gaz
- Title description	50	50	
- title description for special materials	2	5	- 4,1
- alphabetic arrangement	12		
- classifying by S.I.S.O. (Dutch public	man in a har		
libraries classification system)	22	24	9097
- classifying by UDC	15 -	15.	
- keyword indexing	12 ′	3	
- annotation	20	18,	
- abstracting	12	<u> </u>	
- select title lists	_ '	4	(1
streng data in state of the		<u> </u>	3. 2
	222	176	100
3. Libraries: administration and organization		taring of	
a) finance	ະດຄຸ 🖆	6	• •
b) building and installation			
c) flow of the book through the library		on indicated a	
d) charging systems: administration, stock management		otalie (a.	
management	4	3 2	
e) library statistics	- 3	Mana 🖺 .	19
f) communication and mechanization		iocid 😙	
g) human relations	And to great	magazile	
h) public relations for the conjugation are so	عوك فرعالانا	Juga 6	411
1) types of library	1 2	i Iday 🚣 🦠	- 134
J) public library, history and aims and the same no	4 4 4		
The Karagaran Control of the Control	· · · · · · · · · · · · · · · · · · ·	Mary -	*15.
1) youth and school libraries, history and	io inotifi	TOTO N	
A DECEMBER OF THE PROPERTY OF	SUL A TO	State of the state	
m) work with old people	19/09/25 14	Cons 🔄	
n) music and record libraries	300,400	Nobel Est	er
o) libraries for the blind	of L fire	16 / 2 . ·	
p) prison libraries	T :0 ₹9\$	अटटा 2 ः	
r) library extension work	id (1 - 1 6)	3930 4	
s) scientific libraries	3	-	
t) special libraries	2		
and the control of t The control of the control of		and the control of the control	N .
	44	319	
	17 Yaçı		
SUDJECTS CONTROL SERVICE CONTROL OF THE SERVI	C. Care and the		
a) history of library science was beginning	10:		
TO THE STATE OF TH	Danie.		
C/ SCIUITITIC TIDIALIES AT home and abroad the second		o:	
UA SPECIAL FIDERIES AT home and abroad	notesi.		
e) Interlibrary Loan	2010	40.tz	
f) pools sometime bas direct of the control of the	e-one-no-t	· · · · · · · · ·	
	2 3 7/5 10		

	eed Franki Merraa 2000 oo 900 iyo fi	hours
	h) analyses (incl. analyse week)	1st year 2nd year
	h) archives (incl. archive work)i) book trade, publishing and antiquarian	- 5
	bo ok trade	. 5 -
	j) industrial property	ar Da - e ya 19 2
	k) stundardization	2
		32 32
5.	Professional literature (incl. professional	eta Augustaun errore
	iournals)	6 7 12
6.	Literature on special subjects. The stronger has a	in the control of the second of the control of the
		6.5.16
	c) law	10
	d) natural sciences and technology e) history	20
		. vaj=tranka 10
	f) economics q) social sciences	- 18 - 18 - 18 - 18 - 18 - 18 - 18 - 18
٠.	h) geography	- 6
	and the second s	58 40
	- Company of the State of the Company of the Compan	Communication Committee Contraction
7.	Linguistics and literature	ែងជន ខ្ពស់ (១៩ ខេត្ត)
	a) languages - Dutch (drafting, letters, criticism (%)	endification of the
	cof style)	6 in 6
	- basic Latin ease	i i sasa 10 sat⊕ =
. N	Dutch, French, German, English-American,	rahvini evit -
100	on Spanish, Italian, Russianica in Afronic toe a	
	c) literature for young people and the terms	nooreo185 andi (₹ -)
	AN Transmission Department in April 1990 (1991)	118 44 130 130 130 130 130 130 130 130 130 130
٥.	philosophy asychology relicious and philo-	caen lonnograditi
	sophical movements, the ancient world, the world of the Bible, outline of the great	continue to the feet
	world of the Bible, outline of the great	The Arrest filter of
	periods of the Western and other cultures, social structures, organization of govern-	
	ment (and government publications), cur- (as) a	t diving time to the Cart () 2
	rent politics, mass communication (radio	e Lett 1 leader to 10
	nand.Television): Programme and the control of the	82 120
9.	Practical training status of notision of mow	Mandid Tollowin (II)
	a) preparation, discussion, group discussions? b) optional subjects ? All	s no the legators (5
10	· Visits	20 20
10	되는데 일반된 말으면 그는 내가 있는데 말한 것 같아요. 그는 그는 사람들이 하는 하를 함께 하를 하는 때문에 하는 사람들은 바람들이 되어 모든데 모든데 모든데 되었다.	16 1 - 20 may 20
	total hours of first cou	se 668 611
- 11		્રાંકા કેલ્લા 30
477		

Second course: training for management functions

7.40	
Programme	hours
1. Document, management and function	
a) incunabula	4
b) history of the book	8
c) bibliography: history, theory, pract	ice
(introduction and practical work)	19
d) collection building:	. • •
- public libraries	. 4
- special libraries	2
- scientific libraries	4
 introduction and practical work 	n deitaru en et. 641
	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
f) availability of literature	500 (NOTE 10)
g) documentation and literature searching	ng 14 (a
h) mechanical aids //pose-appear	Session automobile (1884) 14 m (1874)
i) patent law	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
j) standardization	# 2 9 8 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	and the second of the second o
	97
2. Management and organization	
a) internal organization and planning,	1h-man.
building and installation:	resident
- special libraries	
- scientific libraries	(alec 166
- scientific libraries - the Royal Library	
- the University Library of Amsterdam	
- the Public Library in Amsterdam	The state of the s
- introduction and practical work	04 18 11 4 7 1 1 1 1 1 1 1 4 5 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
D) Torm of management of the nublication	arvov 1001 pointenatable in
c) financial management of the public li d) industrial sociology (incl. personnel	brary 24
d) industrial sociology (incl. personnel	management) 15
A) 000 040400 af aut 116	
T) Decsonnel management and internal com	munication 8
g) policy matters	
g) policy matters h) publicity and public relations	
가 가는 사람들이 있는 것이 되었다. 그는 것이 되었다. 그는 것이 되었다. 이 사람들은 경기를 받는 것이 되었다. 전략을 모든 것이 없었다. 	113
	满面色色的现在分词 化二氯甲酚 电电流电路 经收益 化二氯甲酚 经银行 化二氯甲基 化二氯甲基异异亚二甲二甲基甲基
3. Library science and related subjects	
a) centralized services to public librar	les atom contract the
	tuche ve le 6 me
b) public library work in relation to re of philosophical backgrounds. c) co-operation and division of tasks in Netherlands library system:	ingrous and the second
c) co-operation and division of to-	The in increase &
Netherlands library system:	The residue Isnaitho (d
Netherlands library system: - generalities and scientific librari	
special libraries	es 6 iv 01
i - library organizations in the field	
public libraries	
	(Tempitus) as 8emi . / :
, 마른 사람들은 기계 전문을 하는데 있다면 하다. 그 사람들은 이 사람들은 다른 경우 하는데 가득 하지 않는데, 그 없는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하	일하는 사람들은 가게 그는 말을 하는 것으로 가는 바람들이 없었다.

	hours
provincial library centres	3.2
- the library for young peopl	e in the public
library d) public libraries and governme	nt 92545 9 6 19 9 9
e) library systems abroad and in	ternational
co-operation: - public libraries	·
- special libraries	uligang til grupper deliner <mark>a</mark> medebog i i
 scientific libraries f) documentation at home and abr 	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
q) archives	
177 Copyright, erc.	4
i) organization of scientific rej) history of library science	search
J' maiory or truiting scrence	in sa mandid a arabah <u>a di^ka</u> ta kabing
 Section 1. Section 1. Section 1. Section 1. 	
4. Professional literature (introdu practical work)	ction and the many year 20st reserved
5. Current topics and literature pr	ovision on these 20
6. Various	on post of the meaning of the parties of the control of the contro
a) introduction and closure of c	ourse and group gastermong yang hit base outsind it by the set 13,000 to 15,000
b) practical training: introduct	ion and discussion as 3 188 mark -
d) examinations	සහන අතුර් මාන්තය (සට මට මුදුක්ද 90 ලකුල්ලේ සට ල
	್ರ 10 ಕಿಸ್ಟರ್ಟ್ನಿಸಿದ್ದರೆ. ನೀಡುವರ ಮಾರಾಜರಿಸಿದ್ದರೆ ಜನಗಳ ಬೆಂದು ಮಾರಾಜರಿಸಿದ್ದರೆ. ಜನಗಳ ಮಾರ್
	121: has \$40
Hada i ka kanga i ja i saga ki kanga ka ma <mark>tata k</mark> Hada ka naga ing kanga ki kanga ki kangana i n	hours of second course 460
Type of training	Professional day library and docu-
Type of orabiting	mentation school
Conditions of admission	Graduates from secondary schools
(tentential line)	(e.g. gymnasium)
Duration of training	3 years (the programme consists of
	a basic and an advanced course, totalling three years)
For what kind of work are the	Librariane and documentalists
students being trained	Librarians and documentalists
Examinations 924, and an itemagnet	At the end of the two-year course
아이라고 그런 그는 이 그리고 있다.	there will be an examination in
	assistant-librarianship. At the end
마이스 등 등 한 경기를 받는 것이 하는 것이 되고 가지 않는 것이 되었다. 이 시간 이 시	
resides, aprilives are	librarianship for young people, the
Degrees or other qualifications	Termoniconing insurate bee
granted	Assistant-librarian and librarian
· 프로그 : 그리는 하는 나를 다려 하는 다른 사람들은 사람들은 사이를 받는 것이다.	어머니 말이 그는 내가 나는 문문을 가지 않는 것은 하면 이렇게 가는 것을 하는 것 같다.

Language of lectures

Dutch

Tuition fees

Maximum f 200.--, according to the

parents! income

Number of trainees

1965/66 - about 150 students

THE HAGUE

Gemeenschappelijke Opleidingscommissie van NIDER, NVB, NVBA (Joint Training Committee of the Netherlands Institute for Information, Documentation and Filing, the Netherlands Association of Librarians and the Netherlands Association of Business Archivists), 19 Burg. van Karnebeeklaan, The Hague

Secretary: A. van der Laan

Year of foundation of the course: 1951

The Joint Training Committee organizes a number of different courses known by the letters A1, A2, A3, B, C, D and E:

- the three A courses are intended for library staff working in respectively:
 - A1 technical libraries
 - A2 non-technical libraries (such as libraries of non-technical government agencies)
 - A3 university libraries and libraries of learned societies;
- the B and E courses are intended for business archivists;
- the C course is intended for literature searchers (information offi-
- the D course is an advanced course for participants of the courses after some years of experience.

In addition the Joint Training Committee organizes a special correspondence course in classification, alphabetical indexing and bibliographical description.

POST-GRADUATE

Programme ...

C - Course for literature searchers (information officers) h**our**s

Essage they do not not be seen of

1. Introduction to course of the set	
2. Communication information decomposition	2
a) Position and task of the documentation officer and literature searcher	in 🚄 marang manggan 💆
and literature searcher	The state of the state of the state of
b) Functional organization of a documentation service	173 Barreson
3. Sources of knowledge	
The state of the s	· •
a) External organization:	
organization of research, science, industry	
and government,	4
- external organization of libraries, archives	
370 17t0/motios/decumenteties = = = +	
opinatuli bas meliused i dative data second fire may contee	2
그는 생생님은 그는 가는 살살이 되었다. 그렇게 하는 것이 되었다는 것이 되었다. 그 살아 있었다.	्रायदेश देखरी

	hours
b) Internal organization:	
and the libraries: organization ar	nd technique 2
 archives: organization and 	l technique 2
- information services	2
 activities of international (FID, ISO) and Netherlands 	II Organizazions
and Netherlands Institute	for Information
Documentation and Filing (NIDER) 2
 c) Knowledge of documentation s 	ources:
- types and kind of sources,	bibliographical and a second and a second
knowledge	$oldsymbol{eta}_{oldsymbol{s}}^{oldsymbol{s}}$. The state of the $oldsymbol{eta}_{oldsymbol{eta}}^{oldsymbol{s}}$, which is the state of
- patents: bibliographical k	Server will one or head and consider the late of the first and an arrange of the late of t
	mow reage and enquiries 4
4. Information techniques a) Abstracting	autorias <u>t</u> adis, its
h) Critical judgement and logic	allinterpretation of house policy and a
Sources	and the prevail of the specific section of the sect
c) Literature searching	a iva entregla entregla escrib espetage 2 a antal espetage. Balkobata la espetage 2 a a a
d) Reporting:	Fitting and the section of the secti
- preparation of literature	reports
e) Principles and use of classi	indexing 4 fication schemes:
- key-word system	
- principles of classification	pio 5 con the control of the contr
a classification scheme	
- introduction to the Univer	Sal Decimal Classi-
tication and the practical	use of this system 18
 the use of an abridged UDC f) Selection methods 	그는 그는 그는 그는 그는 그는 그를 가장 하는 그래요?
q) Storage media for data and in	mage recording: 129 catalogue 1 c 2 med 1 %
- documentary reproduction	with the first of the same of 2011. It
- Halling With Technical aid	αs
h) Automation and mechanization	of information
processing	ji ji kapivake natiow≯e, i .Ft.
Preliminary examination and tests	विश्व वर्षे
Preparation of special report TORY Visits	terroring of hid kiewiding no lype 4 pp) in (S) in adinating adapte, by moliton be 6 pail (SS)
Final review	se se contrate the second of the second
	enteration of the local section
그런데 휴가도 아이들만 나는 보인 이번	Total 124 00 45
이 그들이 아무리는 그 하고 그 하고 있는데 있다.	gb. Species L.brackes
Type of training	26. Decumentarion services (Part-time course Constitution)
Conditions of admission	21. Archives. Bachelor's degree one 1 roles of 2
Are foreign participants allowed	Yes
Conditions of admission	Same as above and sufficient know-
	ledge of the Dutch language
Duration of training	13 months (part—time course taking
	one-day per fortnight)

students being trained	Literature searchers
Examinations	Oral and written, final examinati on main subjects
Degrees or other qualifications granted	Certificate (diploma)
Language of lectures	Dut
Tuition fees	Dutch
Number of trainees	f 520
	20 per year
A1 - Basic course for technical li	<u>prarians</u>
Programme	hours
1. Introduction	
2. Cataloguing	The state of the s
3. Bibliographical description of 4. Bibliographical description of	books at 1500 (1995), 34 (1995)
5. Alphabetical Indexing 6. Classification by UDC 7. Subject indexing by key-words 8. Acquisition of material 9. Organization of governments and	10 j
7. Subject indexing by the	20 5 (§
8. Acquisition of material	ing pagaman kan madalah sala <mark>ng</mark> i kalif
9. Organization of covernment	្តការប្រជាជាក្រុម ស្រាក់ ខ្លែង ស្រុក្ស
Publications	governmental:
O. Administration - John and	
ordering, budgets	lation systems,
ordering, budgets 1. Miscellaneous questions 2. Set-up of libraries 3. Book-binding	AND THE CONTRACT OF THE PROPERTY OF THE PROPER
2. Set-up of libraries	- 1771 - 1771
3. Book-binding	
4. Central catalogues	
5. Book-binding 6. Central catalogues 7. Documentary reproduction 7. Library organization and policy	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
5. Library organization and policy 7. Industrial organization 8. Bocks, bookshops and book trade	
organization	
	The second of th
Library organization in the Neth	erlands
Library organization in the Neth- Library organization in other co	untries.
 Library organization in the Neth Library organization in other co Organization of documentation in and in other countries Scientific libraries 	the Netherlands
Scientific libraries	
Public libraries	3
. Shecial liberate	
. Documentation services in	
· Archives	ial firms ভাষাত্র হৈ ভর্ণ
. Special reports and discussion th	
	iel eon
neral information	total (133 sm) sm
neral, information evodes and discussions, and discussions	ter the second of a success 7.
nal discussion	
its Prince and and some services	
+ Ataphitant see you-ean	Distribute 1.3 most and
그는 하다는 그 사람들이 얼마나 하다는 걸다는 걸 때가 없다.	Total 155

Type of training	Part-time course
Conditions of admission	A junior secondary school certificate with at least 8 months of library experience
Are foreign participants allowed	Yes
Conditions of admission	Same as above and sufficient know- ledge of the Dutch language
Duration of training	9 months, one day per week
For what kind of work are the students being trained	Junior technical librarians
Examinations	Oral and written, final examinations on main subjects
Degrees or other qualifications granted	Certificate (diploma)
Language of lectures	Dutch
Tuition fees	f 400
Number of trainees	35-60 per year
A2 - Basic course for non-technical	11brarians makes the past and a
Programme	hours
1. Introduction 2. Cataloguing 3. Bibliographical description of (books 20
4. Vibusperical, titlextill	20 20 The set of the s
n llaccitiostion	
6. Subject indexing by key-words 7. Acquisition of material	Section 1. 15 Section 1. 15 Section 1. 15
8. Organization of governments and	governmental see see see
publications	6
9. Administration - loan and circu	
ordering, budgets 10. Miscellaneous questions	Vlavicji dogo rovi skribati 🧗 (SS) - SA
ii. Sel-up of libraries	
13. Central catalogues 14. Documentary reproduction	$ar{ ilde{z}}$
15. Library organization and notice	and the state of t
16. Industrial organization	n, na 1999 - Ang a
17. Books, bookshops and book trade	The Industry of Action 18 and 18 and 18
14. Documentary reproduction 15. Library organization and policy 16. Industrial organization 17. Books, bookshops and book trade 18. Information services	This law town than Island 2: Anti-R
20. Library organization in other co	ountries best tax elements 2 and 1 at
21. Organization of documentation in	the Netherlands again to be hard a
22 Solon+1412-115-2-1	to surface ball transplants and server 2.00 to
22. Scientific libraries 23. Public libraries	eigin 2 rumat of
23. Publici libraries	formentersh bus violeta 2 voca . Fi

	્રામા hours ્ર કૃષ્ણ
24. Special libraries	w. insintée. no. 2 a inimery
25. Documentation 26. Archives	4
27. Special reports and discussion	thereon 10
ing at his property and a second resident	
General information	technologia total o 135 ggde ca. 9∮
Tests	
Final discussion to the second to Visits due to the second	
	rolletti i letta istirolla tega. Bastis 4 ‡ letiste eli jiliji. Pi assila epa inj ili i li letis per labetuli.
Outside the material and the property of the property of the section of the sec	Total 160
Type of training at the first and the	Part-time course
Conditions of admission	A junior secondary school certifi-
	cate with at least 8 months of
endati.	library experience
Are foreign participants allowed	Yes
Conditions of admission	Same as above and sufficient know-
	ledge of the Dutch language
Duration of training presidential	9 months, one day per week
For what kind of work are the students being trained	Junior non-technical librarians
and the second of the second o	
EXAMENATIONS	Oral and written, final examinations on main subjects
Degrees or other qualifications	Certificate (diploma) redseque la
grantes 00 %	collectives of the
Language of lectures	Assessment Market and American Street and the second street and th
	Dutch in to use to meltislaps. The 400
	ورازات والمرازي والمرازات
	30-35 me neot - agi fertain mbé ti
A3 - Basic course for work in unive	rsity libraries and libraries of
learned societies	er i factification for boundaries and the contraction of the contracti
Programme	collection is the collection of the collection o
1. Introduction	Sengoletas in 1997
1. Introduction 2. Bibliographical description	and this branches were to Ambusit Chin Co
2. Bibliographical description	not tabbonion yneth 4mineU. Na
2. Bibliographical description 3. Organization of science 4. History of libraries	A. Decumbattery reproduction 13. Light progenization and color 15. Industrial organization 17. Western Localess and those trans
2. Bibliographical description 3. Organization of science 4. History of libraries 5. The principal national and interes	A. Decumentary reproduction (5. Light on enganization and color (6. Light 4 books of color of the color of th
2. Bibliographical description 3. Organization of science 4. History of libraries 5. The principal national and interes	A. Decumentary reproduction (5. Light on enganization and color (6. Light 4 books of color of the color of th
2. Bibliographical description 3. Organization of science 4. History of libraries 5. The principal national and inter 6. Loan administration absoluted 7. Types of organization entires	nolicubanies yneth 4mbod ()) cited hee maelaxinsgro (22sydd) ()) ceftsxinsoro lais 4sucht ()) ceftsxinsoro lais 4sucht () ceft hood hee applicated (4sucht ()) reational libraries on (5sucht) (); substitution (5sucht) (); substitution (5sucht) (); substitution (5sucht) ();
2. Bibliographical description 3. Organization of science 4. History of libraries 5. The principal national and inter 6. Loan administration absoluted 7. Types of organization entire and anti- 8. Various forms of cataloguesis at	politication of the the collision of the collision.
2. Bibliographical description 3. Organization of science 4. History of libraries 5. The principal national and inter 6. Loan administration absoluted 7. Types of organization entire at the construction of science at	politaborjet vota 4mbod . Nj dited has markerinspro 22sadi . El ceiterinsoro leit 4sabil . El pett sodd bas agadesood 4sdoos . V rational libraries op (6sdoi) . El set al reiterinspro v 6sdoi. El warto al seiterinspro v 4sdoi . El da let usquado fo neite 14sepsi les library saltsmad heato 61 bas
2. Bibliographical description 3. Organization of science 4. History of libraries 5. The principal national and inter 6. Loan administration absoluted 7. Types of organization entire 8. Various forms of catalogues in a stock management and set-up of 10. Manuscripts	politicoper yeth 4 mood, April 100 mood property of the context of
2. Bibliographical description 3. Organization of science 4. History of libraries 5. The principal national and inter 6. Loan administration absoluted 7. Types of organization entire at the construction of science at	politicopies vieta 4 mice (), hy dited has successful expressed (), 22 mid (), 51 mid (

	hours
12. Bibliographies	海南市 "秦"中国"苏州市",在"海"中的"山",在"南南",在"连"建筑的高速整线。上市市中国
13. Various forms of library wor	origeni (lapajeno superaju) – no lok 20 laitaja (galiti) K olono legi la atendro julijanskog 4 lakas legi
14. Alphabetical indexing	*
	Tanka Fareba (1911) in de la grada 6 de 1911 de la fareba
16. Documentary reproduction	ex la
18. Organization of governments	ku ili karakti ita ku inegar spile kija 5 galekti jiga c
19. Documentation Tests and discussion	gradiseko <mark>3</mark> erritti ili il
General information	respects are area important at 19 horse gives
Final discussion	ermyselectric film (17) generalis (17) ermyselectric (27) generalis (18)
	i de la servició de la compansión de la co La compansión de la compa
	naver oces (Lee esta Total: 165 de la leg
Type of training	Part-time course and the service (1997)
Conditions of admission	A junior secondary school degree
•	With at loact Q months of liber.
•	experience
Are foreign participants allowed	100 that the control of the control
Conditions of admission	Same as above and sufficient know-
	ledge of the Dutch language
Duration of training	9 months, one day per week
For what kind of work are the students being trained	Junior scientific librarians
Establic Part Corps	Oral and written, final examinations
The week therefor hims but a voide up so	and on main subjects in an obal hard
Degrees or other qualifications	Certificate (diploma)
granted same judy yet sure, council	Supracriate of cardenary
Language of lectures	one Dutch advisions are to his break breaks and
Tuition fees	f 400 Constitute attacks about the
Number of trainees	30-60 KHO TREASON AND TREASON
SPECIAL STORY	
SPECIAL (Geolgia) arcollin	Tagragas ar areas green filestanders
B - Basic Course for business ar	
Programme	following and the first engineering to
1. Introduction to the course	
1. Introduction to the course 2. Tasks of the filing department	the tion state
1. Introduction to the course 2. Tasks of the filing department 3. Organic arrangement of files	his bearing from the common than the common th
 Introduction to the course Tasks of the filing department Organic arrangement of files Functional arrangement 	inetron first Amber of tratacto B - Corrector University to leviscati
1. Introduction to the course 2. Tasks of the filing department 3. Organic arrangement of files 4. Functional arrangement of 5. 5. Organization of the filing department of	inetron first Amber of tratacto B - Corrector University to leviscati
1. Introduction to the course 2. Tasks of the filing department 3. Organic arrangement of files 4. Functional arrangement of the filing de 5. Organization of the filing de 6. Classification systems	institut first institut of institut of the second of the
1. Introduction to the course 2. Tasks of the filing department 3. Organic arrangement of files 4. Functional arrangement of the filing de 5. Organization of the filing de 6. Classification systems 7. Records	Trestron first Author of transport The Course for the circles of the partners Properties I the course of the circles of the partners I the course of the circles of the partners I the course of the circles of the course of the course of the course of the course of the circles of the ci
1. Introduction to the course 2. Tasks of the filing department 3. Organic arrangement of files 4. Functional arrangement of the filing de 5. Organization of the filing de 6. Classification systems	institut first institut of institut of the second of the

10. Sizes of paper	
11. Standardization, principles and	application
12. Principles of bibliographical in	ndexing
13. Structure of the archive world	
14. Acquisition	get early the plane for every
15. Library management and administ	ration in the second of the second of the second
16. Handling of drawings in the arcl	
17. Indexing of mail	
18. Types and organization of librar	ries
19. Closed inventory	erighten erspektion erste var in
20. Handling folders and catalogues	the second of the second
21. Governmental documents	and the control of the spring of the
22. Accounts documents	a familie and the second second
23. Key-words	•
24. Organization of the mail departm	men†
25. Screening of files	
26. Transport documents	
27. Secret and confidential papers	
28. Knowledge of contracts	
29. Literature survey - technique	
30. Keywords - application	
31. Giving service to clients	o se est e en représent de la compo
Visit to a reproduction department	e, in ellerial Comment Draw Street
Visit to an industrial archive	
Tests and discussions	Outstand in this was trained as
Type of training	Part-timo course
· · · · · · · · · · · · · · · · · · ·	A junior secondary school degree
Conditions of admission	A Junton secondary secución degli ee
Are foreign participants allowed	Yes
Conditions of admission	Same as above and sufficient know-
Temptata Markuta tarah	ledge of the Dutch language
	9 months, one day per week
Duration of training	
For what kind of work are the	Industrial archivists
students being trained	วะครู้ หวังสุดิน
Examinations	Oral and written, final examinations
	on main subjects
Damas on other suclifications	Certificate (diploma)
Degrees or other qualifications	Certificate (alpiene)
	Aptical accursos (o) usarios atespiras
Language of lectures	Dutch philipped on a
Tuition fees	f 400
	in the man still of astrophysical (in)
Number of trainees	17 maganisas grafts with the wisets is
D . O	fight the transport of the the
D - Course for librarians in leadin	ATABATTABS seme Sussing (producting)
Programme	roash sailtraid to me hourseand d
1. Introduction	Service (1881) Tilled 198
a) Introduction to the course	enulten valutuurse
b) Practical hints, contacts	neuso is estrituup Zuojnus .e.

	entry.	
	c) The library - purpose and place in soc	hours
	- in general	ial life: disemplished in
	- in industry - discussions on task and position d) History of the library	The i_{i_1} is i_{i_2} in i_{i_3} in i_{i_4} in i_{i_4}
1	d) History of the library world	$ar{f 2}$
1	state of library science	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
1	2. Organization	
	 a) Organization and structure b) Organizational problems in big and in structure 	7
l	libraries Problems In big and in s	
l	c) Lay-out d) Staff problems	
l	d) Staff problems, management and internal communication	
١.	e) Financial management	8
	- application of mocha-t	e nemeský siervej na <mark>ž</mark> šterkte (1981.) Na j
	of unitarity medianization in the l	brary 9 and 7
	3' 'O' Old Land International	with 2
	other libraries and documentation centre internal co-operation	S;
	3. Library material	Taka parasan kanta tan 24 dalah barata Taka panja dalah da
	a) Acquisition of the same and a same	
	b) How to trace material:	*2.175************************************
	- systems used and classification - making one's own classification - abstracting	a Para r range 8 a managar
	- abstracting	4 80000000
	c) Performance of an enquiry service	THE PLANT I OF THE PROPERTY OF
	4. Bibliography and documentation survey a) Bibliography: - bibliography in accession	ෙසමාරු සහරුවරුණු
	- bibliography in general	
	- bibliography of special fields of scien	4 ************************************
. •	TOTAL DECUMENTO AND LAKE I	The state of the s
	b) Documentation	5
Ť.	b) Documentation and literature survey c) Selection systems d) Commercial documents	S. V. I. F. are support 1. 4
	Cocimonte	in the best of the first program of the contract of the contra
	a) Written communication Printing techniques	Tara balangan kan kan Masa da la
	D/ PUBLIC Speaking	一个种"等了一种特别。" " 有特别的特别,我没有是一个一
	6. Related subjects	
i.	a) Booktrade and publishing b) The archive	pase pumer in Triabbutapass
	c) Patents	
	d) European co-operation	
	e/ Standardization	
	f) Organization of science and scientific res	11 Parch 4

Etheren.	hours
7. Miscellaneous	awto the expenses of year, still are to
Visits to the Royal Library, the 1 Technical University Delft, Agricu Shell, etc. Discussions on working papers and 1	ibraries of the Itural College,
†ion	· 中国 (1925年 日間) 日本 (1925年 1925年 1927年 19
igpe of cracking	Part-time course approach
Conditions of admission	and 4 years of library experience
	Same as above and sufficient know- ledge of the Dutch Januage
Duration of training and the contract	and a second control of the control
For what kind of work are the students being trained	Librarians in leading functions
Examinations	Oral and written final evaminations
Degrees or other qualifications	on main subjects Certificate (diploma)
Language of lectures	
	Dutch tunns as to nunsy to the
Mumber of trainees	f 620
ADDITIONAL INFORMATION COST OF THE SELECTION	Tomoregino yasomoniyang - wit talossa to yasomoniyang -
	e de la companya del companya del companya de la co
	ERDAM / Sur Sursupper platos
for academic staff of learned librar work has to be done in at least one	Faculty of Letters, there exists a acts the two-year academic programme less During the second year practical large library. Training in library
Library professional day-school Groningen, Tilburg and The Hague.	s are planned for Arnhem, Eindhoven,
	anthaithm bas obstavous (s
	ক্ষা প্ৰতিষ্ঠা কৰিছে
	dy European percention
do sessos os transitos	dolfstjönstett (s Line ednetet to golfstjönset (r

NIGERIA

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

IBADAN

Institute of Librarianship, University of Ibadan,

Ibadan

Director: J. Harris

Year of foundation: 1960

Programme	hours
1. Administration and history of libraries	60
2. Bibliography	30
3. Reference books	30
4. Subject literature	. 30
5. Assistance to readers	50
6. Cataloguing and classification	60
7. Organization	30
8. Optional special subjects	45

Conditions of admission

- a) Graduates with a good B.A. and B.Sc. degree
- b) Non-graduates with two years! library experience with either
 - FPE, and one part of Library Association Registration examination, or
 - two subjects at General Certificate of Education Advanced level, and one part of Registration examination, or
 - two subjects at General Certificate of Education Advanced level and pass in the "Entrance" examination

Duration of training

For what kind of work are the students being trained

Degrees or other qualifications granted

Tuition fees

Financial aid for trainees

One year

Librarians and documentalists

University of Ibadan Diploma

£ 90 per session of three terms

Carnegie scholarships, normally available only to graduates

150

NORWAY

The education and training of documentalists and information officers are not organized in Norway. Personnel working in the field are generally self taught or have attended short courses. Others have received in-service training in Norway or have studied abroad on scholarships from the Royal Norwegian Council for Scientific and Industrial Research.

The whole system of documentation and information services and education are under debate at present, and it is expected that radical changes will take place in the future.

All manufactions

A Constant of the spirit of the section of the s

i de marchen de la marchen de la companya de la co Companya de la compa

The policy of th

The Control of the Cont

A COM AND TRANSPORT OF THE STATE OF THE STAT

ringradon del maria de la composition del composition de la compos

Manager as velor quite selectes uprocessors to be an Orbital Selected

elimet setut de soluees teg de 3 Al servo lesidencionos electus

Aptembald of Attocking Sandy (2008) (

PAKISTAN

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

KARACHI

The University of Karachi,

Year of foundation of the course: 1962

Pakistan National Scientific and Technical Documentation Centre (PANSDOC), the FID National Member, co-operates with the University of Karachi in the teaching of students to a Master's degree in library science. The Master of Library Science course includes one complete paper on scientific documentation and information techniques. The students attend lectures and practical work at PANSDOC once a week.

Programme

- 1. Scientific documentation
 - 1. Scope of scientific documentation and its relation to librarianship. Techniques and principles
 - 2. Position and future of scientific documentation and information services in Asian countries
 - Scientific documentation and economic development
 Co-operation in scientific documentation

 - 5. Possibilities of combining scientific documentation with parallel activities
 - 6. Role of documentation centres in the exchange of scientific publications
 - 7. Use of UNESCO coupons in operating documentation services
 - 8. Selection and training of document procurement personnel
 - 9. General survey of PANSDOC services
 - 10. Level of organization for documentarion: a) international: FID, UNESCO
- a) International: FID, UNLLSO
 b) national: Aslib, etc.
 11. Survey of major scientific and technical documentation centres and
 the Continent. USSR. Japan, India, Pakistan special libraries: UK, the Continent, USSR, Japan, India, Pakistan
- ii. Scientific literature and its search techniques

 1. Historical background. Early scientific societies and their role in the development of scientific literature; 18th and 19th century scientific literature of the Indian Sub-Continent
 - 2. The place of the periodical in scientific literature; the scientific article and its component parts
 - 3. Form classification of technical literature: . Gerfankinous . e
 - a) original sources (unorganized) b) secondary sources (organized)
 - divise neithleness at 4. Bibliographical aids In science and technology. Methodical assessment of bibliographical tools in specific fields while than

- 5. Procedure for searching the sources of information
- 6. The bibliographical unit. Methods of setting out references to articles in journals, books, patents, theses, etc.
- 7. Preparation and presentation of information in bibliographies
- 8. Organization of translation services details
- 9. Actual work of translation. Techniques
- 10. Typists: recruitment, selection, training
- 11. Practical: the aspects of the well-organized translation section of PANSDOC in detail
- III. Document procurement. Principles and practice
 - 1. Importance of document procurement service and its organization in a documentation centre
 - 2. Procurement of documents from local sources (with special reference to Pakistan)
 - 3. Procurement from foreign sources: policies and problems in procuring different types of documents, e.g. papers from periodicals, patents, standard specifications, theses, research material, conference proceedings, etc. Sources of information and locating tools, etc.
 - 4. Procurement of ready-made translations: locating tools and sources of information relating to the availability of ready-made translations, e.g. Translation Index, Translation Monthly, cover-to-cover English translation of Russian scientific journals, etc.
 - 5. Routine procedure in a document procurement section: receipt and registration of orders, verification of bibliographical data, identification of documents as to their availability in local and foreign libraries. Processing of orders for the photo-reproduction section, disposal of documents to clients
 - 6. Abbreviation of journal titles
 - 7. Abstracting and indexing
 - 8. Information retrieval: definition, basic operations of information retrieval, e.g. recording, storage, identification and dissemination of information of pertinent interest various devices and systems of information retrieval:
- a) conventional methods (indexing and classification, e.g. alphabetical subject index, classified index, UDC and faceted classification)
 - b) co-ordinate indexing
 - c) edge-punched cards, feature or aspect cards (peek-a-boo system) either based on Uniterms, key-words, or thesaurus, etc.

ษาคดใน และ และไป หลือที่ที่เดือนได้ ได้เพื่อ

- d) automatic retrieval of information
 - IBM and ICT punched cards
 - electronic computers - Rapid Selector
 - Filmorex

ane i sas ledit

- 9. Programming, input and output collating, coding and decoding
- IV. Translation service Anas inaghal essence: vhohvopes la organization of the translation service of a documentation centre particularly of a scientific documentation centre

- 1. Importance of translation services
- 2. Translation services in foreign countries: United Kingdom, France, Germany, Netherlands
- Essentials of a translation service general: translation work from outside; staff translators, editors plus panel of external part-time translators
- 4. Training of translators:
 - under a senior experienced translator abroad
- 5. Translation section library: essential books; dictionaries, reference books of scientific subjects, standard of these books
- 6. Record system: processing of translations, recording of translations; recording of data on translations and translators, etc.
- 7. Utilization of the work of a translation service: national service to scientists: technical clients; exchange service with foreign countries, pooling of work; national, international; publications of lists, etc.
- V. Document reproduction
 - 1. Methods of producing and copying documents, including printing
 - 2. Photographic laboratory
 - 3. Library applications of (micro)photography
 - 4. Selection and training of staff
 - 5. Document reproduction services at PANSDOC

Destructed in All English

Type of training

For what kind of work are the students being trained

Degrees or other qualifications granted

Other data

Victor eni polous and dagages a visited in a contract of the interest of the

tions of the manufaction of the control of

quançole involvemente ou la basis qui for san la c

Course in scientific documentation and information techniques as a part of library science curriculum

Information workers, graduate librarians for all types of library

Master of Library Science

PANSDOC organizes every year short on-the job training in documentation for librarians from scientific and non-scientific libraries and government organizations. The period of training depends on the background with the candidate and of the institu-A ROLL FOLLOw Property of First tion to which he belongs

ran Freil yn Litze, angen figi भागानी क्षेत्री हाम्यासर्वी करानानी प्राप्ती

Transfer and the second of the

The state of the s

Particular has it is highly section n sarang Nobelbett

POLAND

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

POZNAN

Podyplomowe Studium Bibliotekoznawstwa przy Uniwersytecie im. Adama Mickiewicza w Poznaniu (Adam Mickiewicz University in Poznań, Post-graduate Study in Library Science), 38-40 Ratajczaka, Poznań

Head: Assistant Prof. Dr. S. Kubiak

Year of foundation: 1968

POST-GRADUATE

Programme	hours
 Development and organization of Selected problems Modern culture - selected problems Methodology of research in libration of the book Modern printing, book-selling at 6. Bibliography Role and organization of modern Acquisition of material Classification Scientific information and document 	ems 15 ary science 15 and the library 30 and editing 30 libraries 15 30 30 30
.11. Seminar	The state of the s
Type of training	Post-graduate study in library science intended for students advanced in studies at various faculties, graduates from higher schools, teachers and librarians
Conditions of admission	Intermediate and final degrees
Duration of training	2 years; 1st year 2 days a month for 6 months, and 10 consecutive days; 2nd year: 2 days a month for 5 months, and 10 consecutive days
For what kind of work are the students being trained	Scientific librarians
Examinations	6 examinations during the study
Degrees or other qualifications granted	Diploma of specialization in library science
Language of lectures	Polish
Tuition fees	Free
	이들이 하는데 되었다. 그는 이번 사람들은 그 작은 나는 시간을 받는 번째까?



POZNAN

Hedronia de la	
Miodanida im. Adama Mickiewic	za w Poznaniu, Biblioteka Glówna,
Poznań Control I i bullion	tekarstwa (Adam Mickiewicz University in
38-40 Ratajczaka, Poznań	span imental Study in Library Science),
Head: Assistant Prof. Dr. S. Kul	Takon (1975) in Broken i dat strugger (1975). Takon (1975) in da in Sagarger (1976) in da in Takon (1976)
Year of foundation: 1968	at the domain was to probable by the second of the control of the
GRADUATE	
	a přídněk pod vyvode v řístický v se se přídněk pod vyvodí v se se se předně se se Přímněk pod v se
1. Cataloguing and classificatio	n of publications 45
2. Bibliography	decourse in a second of the second
5. Library practice = 2 works at	elected problems
and 2 week	ter 1st year of studies; 15 see 15 se
Type of training	
。可以在1000年代,1000年代,1000年代,1000年代第二年代,1000年代,1000年代 1000年代,1000年代,1000年代,1000年代,1000年代,1000年代,1000年代,1000年代,1000年代,1000年代,1000年代,1000年代,1000年代,1000年代,1000年代,1000年	
	are included in the library science curricula
Conditions of admission	그렇게 하는 그는 그는 그들은
the later of the l	Students from various faculties are
	admitted after the 3rd year of
Duration of training	2 years
For what kind of work are the students being trained	Subject information specialists and
Examinations	special librarians 5 examinations during the studies
Degrees or other qualifications	Master of Arts degree in the disci-
granted	
Tanayage of lost man	ry science
Language of lectures vous	Polish
responding to the control of the con	
Charleting Contact for the concention of	ilologiczny, Podyplomowe Studium In-
esting on continuous to a continuous	ar and the second secon
Uniwersytet Warszawski, Wydzial F	ilologiczny, Podyplomowe Studium In-
duate Study in Information Science	ity, Faculty of Philology, Post-gra-
Krakowskie Przedmieście 26-28, War	
Head: Prof. Dr. T. Wójcik	Degrees of indian party that
Year of foundation: 1969	
경기 하다 내려가는 말을 살았다는 다른 경기를 하는 것이다.	그리는 그 소전 회사 가는 나는 그리고 있는 것 같아 얼마나 뭐 없었다.

POST-GRADUATE

Programme	Management hours
1. Logic	그림 점심 다른 그들이 되는 사람이 있는 사용실은 수 있는 밤에 다양하다 모양하다. 모양하는 생활이
2. Science of science	20 30 - 23 - 30 - 30 - 31 - 31 - 32 - 32 - 32 - 32 - 32 - 32
3. Linguistics - selected problem	30
4. Foreign languages - selected p	
7. Psychology - selected problems	
0. SOCIOIOGY - Selected problems	지수는 사람들은 사람들이 가지 않는 사람들이 되었다. 그 사람들이 없는 사람들이 되었다.
7. Pedagogics - selected problems	15 m
8. Mathematics	
9. Introduction to problems of so	ientific information 30
ive modern gudi i Sninn	
11. Library science, librarianshin	and hibliography
13. Methods of studying users 1 nee	de
The state of the s	information less 30
ive Dissemination of information	~~
The second secon	the contract of the contract o
- 19pe Of training semigroup a descrip-	Post-graduate study in information
	science, evening study (courses)
conditions of admission	Admitted are students who:
D. 整海桥、300年至1日1000年(1965年2月15日) 1965年至11日 11日日 11日	- are oradustos./Mastass
क्रिकेट प्रश्नेष्ट अस्ति । वस्ति वस्ति । वस्ति ।	or an equivalent
	- know 2 foreign languages (with
	an active knowledge of one of
그런 있는 어디 아이를 내려 살았다. 생각 목표를	
一字符号,是为此的表现了中国的一次实际,由他的中央的一个大型企业的设	- were employed for at least 2 years
Alternation of the control of the figure	" by d Scientific or research in-
The factor of the same engineers of	stitution in their special subject
그 사내로 보고 있다면 하는 것 같아요?	- are sponsored by their institutions
Are foreign participants allowed	Yes
Conditions of admission	Same as for Polish students
Duration of training	2 years; study takes place in the
불병 그리고 하는 사람 경기가 있는 하고 있었다.	evenings and students attend 3-4
지근지의 불로 넘어지다고 불고 있으고 그렇게	times a week
For what kind of work are the	그런 하는데 하늘이 하는데 시간 중에 살아 가격이 되어 가는데 아니 수밖에 다른 그렇다?
students being trained	Information scientists, lecturers
Sall regions Supposed to the fact	in the field of information science,
Examinations	subject information specialists
	Examinations during the course and
교회, 교육 발표 기관 시간 하는 경우 나는 그 사람이 되었다.	final examination
Degrees or other qualifications	Certificate
granted	The state of the s
Language of lectures	Polish
엄마 하는 마음은 사람들은 내용을 가내면 하면 되었다. 하는 사람들은 사람들은 사람들은 사람들은 사람들은 사람들이 되었다.	Polish
Tuition fees	Free
인하고 한 학교 중인 공연화 경찰은 경찰을 다 했다. 나를 모고	

WARSAW

Uniwersytet Warszawski, Wydział Filologiczny, Katedra Bibliotekoznawstwa (Warsaw University, Faculty of Philology, Chair of Library Science), Krakowskie Przedmieście 26-28, Warsaw
Professor: Dr. A. Czekajewska - Jedrusik
Year of foundation of the courses on information sciences: 1962 The establishment of an Institute for Library Science and Information Science is being planned. GRADHATE
GRADUATE
Programme
2. Political economy 3. History of Poland against the background of general history - selected problems 4. Main problems of Marxist philosophy and Marxist theory of development of the society 5. Introduction to library science 6. History of books and libraries 7. Library science and librarianship 8. Bibliography 9. Main areas of science; organization of sciences and scientific writing: a) humanities b) natural and applied sciences 10. History of literature in general - selected problems 11. Contemporary Literature 12. Selected problems of modern culture 13. Assistance to readers 14. Problems, methodology and organization of research in palaeography 15. Foreign language (1) 16. Foreign language (1)
Organization of There is a line of the same of the sam
h) special transfer and the special sp
c) national and university - Publishing and book selling - Scientific and technical information and analysis to be a second and a second a second and a second and a second a second as a secon
Programme: of documentation
1. Outline of the theory and technique of scientific information and documentation. a) Fundamental features of the flow of information. General characteristics of scientific and technological activities. Characteristics of information activities

- b) Documentation and information. Role of information in the development of science and technology. Principal objects of information
- 2. Scientific and technical literature
 - a) Types of written document and their information value (up-to-dateness)
 - b) Other sources of information, their form and significance avincinformation of a management of the second of the seco
- 3. Fundamental knowledge of methods of document processing
 - a) Analysis of the text of a document
 - b) Forms of documentation processing
 - c) Methods and forms of preparing translations
- 4. Adpating information to the needs of various groups of users
 - a) Types of user and characteristics of their needs
 - b) Kinds of information from the viewpoint of source and type of

gri eggi osebetek

notherns deter

- 5. Structure of the descriptive language
 - a) Structural studies. Formalized and artificial languages
 - b) Indexing methods. Index systems. Subject entries and denominators, relations between concepts
 - c) Defects and merits of systems from the viewpoint of usefuldanim tan tan matamatan ara herrestar ta kembahan kabup
- 6. Elements of classification theory
 - a) Universal systems and analysis of their structure (Bliss, UDC, CC and others)
 - b) Universal Decimal Classification, its characteristics and structure, trends of its development and present state of To be the fil
 - c) Method of classification according to UDC
 - d) Special classifications and their structure
- 7. General knowledge of mechanization and automation of the information process
 - a) Linguistic problems, technical problems and their correlation
 - b) Principles of mechanization and automation of information. Small-scale mechanization. Information retrieval systems. Logical systems. Mechanical translation. Information processing

Organization problems of information

- 1. Organizational systems of scientific and technical information
- 2. International co-operation in information
 - International Federation for Documentation (FID)
 - International Association of Documentalists and Information Officers (AID) - ASLIB unacted at the section of the section of

 - calification religions to the matter free configuration of the configura

- 3. Historical outline of the development of information activities in Poland
- 4. Organizational structure of information services in Poland
 - a) Centres of information
 - industrial centres
 - branch centres
 - centres in ministries
 - b) Central Institute for Scientific, Technical and Economic information
 - c) Special libraries as a fundamental component part of an information centre
 - d) Organization of information service in the Polish Academy of Sciences (1919) And the Addition of Space and Additional Space and Addi
 - e) Organization of information service in the Ministry of action of the Ministry of the Ministry
 - f) Organization of Information service in the Ministry of the Health and Social Welfare and American and American
 - g) Co-operation among information centres
- 5. Planning information activities
 - a) Connection between plans for information centres and for the development of technology and economy
 - b) Plans of information activities as a component part of spinor the plan of technical development of a spinor activities as a component part of spinor activities activitie
- 6. Financing information activities
- 7. Employment. Features of the profession, qualifications, training conditions, academic degrees
- 8: Survey of legislation concerning scientific, technical and economic information
- 9. Co-operation between the information services and scientific, technical and professional organizations
- 10. Co-operation among information services of the socialist countries
- 11. Public relations. Training of users of information
- 12. Economic effectiveness of information activities

Reprography 30 2 115 10 20 20 115 115

- 1. Historical survey of reprographic techniques
- 2. Needs of information centres
- 3. Modern printing and methods of rapid duplication of documents
- a) Small-scale polygraphy, photo-reproduction, xerography, etc.
- b) Modern apparatus and technical equipment
 os c) Material, descriptions, characteristics, etc.
- 4. Equipping information centres with printing, photoreproduction, and other apparatus

Andrica of artists

เกษาวิจัยเลือนแบบ

Decired terior constitution

For what hind of double are the

 5. Organizing a centre for small-s photoreproduction in the inform a) Organization of the work and b) Co-operation between printing 6. Economic aspects of representations 	d utilizing the equipment
6. Economic aspects of reprographya) Analysis of costsb) Calculating the cost of serv	/ices
7. Practical work in small-scale p	printing centre with photographic
1. The following practical training	្រុមស្រុក ខេត្ត ខេត្ត ខេត្ត ខេត្ត ប្រជាជា ប្រជាជា ប្រជាជា ប្រជាជា ប្រជាជា ប្រជាជា ប្រជាជា ប្រជាជា ប្រជាជា ប្រជ ស្រុក ប្រជាជា បាប ប្រជាជា ប្រជាជា ប្រជាជា ប្រជាជា ប្រជាជា ប្រជាជា បាប ប្រជាជា
- After 1st semester - Acquisit	ion of material as assisting to week
- After 6th semester - Informat - After 7th semester - Practica	ion work in a library 4 weeks
10 0110361	SDEC d 73T On
10tal time of practi	Ical training sales and 15 weeks
planned to libraries or other in (paper mills, printing works, in houses, etc.)	nstitutions or organizations of organizations or organizations organizations or organizations or organizations or organizations orga
lone (pointing , 16) the be	Lectures on scientific information are included in the programme of studies of library science; Scientific information is an optional
Additional feet vicinities and	special subject
And The control of the second	Graduate diploma from a secondary
ne joveryn participants allowed	Yes was a second of the second
to a completion of diameters on the company	Same as for Polish students
buracion of craining	4 years
For what kind of work are the students being trained	Librarians of all types of library and information workers
And the later of the transfer framework of the constitution of the first constitution of the con-	Entrance, during the course and Master's degree examination as
granted to self-control of the self-control of	Magister, Bibliotekoznawstwa: (Master Of Library Science) (12 17266) (13 1726) (14 1726)
그 개호보다 전기를 잃어난 얼마나 하는 그리고 있다.	THE OF THE TION Science)
	Polish

Tuition fees Free State subsistence grants for outstan-Financial aid for trainees ding students Number of trainees About 25 graduates yearly. Some 10 persons of them with specialization in scientific information WARSAW Pomaturalne Studium Dokumentacji i Informacji Technicznej i Ekonomicznej (Professional College in Documentation and Technical and Economic Information), Zeromskiego 81; Warsaw Director: Mrs A. Tabor TANKS BOLD TO THE SECOND SOCIETY Year of foundation: 1958 Until 1969 the College existed under the name of the State School for Scientific and Technical Documentation (1) 19 (NON-GRADUATE Programme with the incommendation of the fall that between the hours of 1. Fundamentals of political sciences 240
2. Sociology, psychology, organization of work
- selected problems 240
3. Russian 480
4. A second foreign language 960
5. Political economy 720 6. Selected legal problems
7. Technical drawing
8. Organization of national economy
7. Archive studies
7. Technical drawing
7. Technical drawing
7. Technical drawing
7. Technical drawing
7. Archive studies 9. Archive studies 360
10. Selected problems in technology 840
11. Technical and economic information 240 11. Technical and economic information 240
12. Classification of documents 480
13. Collecting and processing of documents 600 480 14. Dissemination of information 240 15. Typing 16. Practical training (practical training of 4 weeks is obligatory after the 2nd and 3rd semesters) 17. Physical training Professional study in documentation Type of training adjusted to agand) technical and economic information Completion of a secondary school and Conditions of admission entrance examination Are foreign participants allowed No Company of the sound to be the body of 2 years (4 semesters). Full-time

Duration of training

For what kind of work are the Assistants in information centres students being trained Entrance, during the course and Examinations final examinations Technician-documentalist Degrees or other qualifications aranted Polish Language of lectures Free Tuition fees WARSAW Centralny Instytut Informacji Naukowo-Technicznej i Ekonomicznej (CIINTE) (Central Institute for Scientific, Technical and Economic Information), Al. Niepodleglości 188, Warsaw Director: W. Piróg Head of Training Department: Prof. Dr. J. Marchlewska Year of foundation of the course: 1950 The Central Institute for Scientific, Technical and Economics (1994) information is the leading organization for professional education and training in the field of information. The responsibilities of the institute include: a) preparation of programmes, methods, training material and instructional aids for courses, seminars, etc., held by CIINTE and other organizations, and aimed at improving the qualifications of information workers; b) education and training of lecturers, instructors and other specialists with particular reference to programmes and methods of training in the field of scientific, technical and economic information; c) co-ordination of programmes and methods for the continuous education and training of information workers, giving opinions on drafts of courses to be organized by various ministries and branch centres, and giving expert assistance on their behalf; d) methodical and direct assistance to centres, organizations and. institutions engaged in training and advancement of information workers. ministrationistanii . et and the second of the second A. Basic course for information workers Some rest to a part out to the hours Programme ministrate 2. To say 2. Selection, collection and storage of documents 12 3. Processing of documents 16 20 4. Classification of documents (UDC included) 5. Information retrieval 6. Users' information needs Acceptage Advantage congression of A 7. Availability of documents manus 2 mai mula 8. Techniques for disseminating information

	સું ભ્રમ્થકર્સ	hours
	9. Application of technical means of activities 10. Edge-notched cards 11. Planning and reporting in an int 12. Information network in Poland 13. Visits to a branch and an indust	n information 4
	Type of training	Basic course in information science
	. javet tigat en oc en tigat poveren censo mangal poverence premise sen	The course can be attended by workers of industrial, branch and department information centres, and librarians of special libraries (as a rule applications for the course come from the employers), who have: a) higher education or a secondary one in the field in which they work, b) 2-years professional training, c) command of one foreign language
٠.,	Are foreign participants allowed	Yes
1	Duration of training	12 days अधिकार के कि एवं इसकेंट विकास कर कर के विकास कर कर कर कि
	For what kind of work are the students being trained	Workers for information centres and special libraries
J.	Examinations	Final examinations
	Degrees or other qualifications	Certificate
	granted postor viscous a mo	
١,	Language of lectures	Polish
	Tuition fees	Free; textbooks to be bought
	Number of trainees	25 to 30 people in each course, about 350 persons yearly
	one COS. 10.) . see tos. 1 . entron 61 Other data: selonese teas econocide in (ion-occide to the COD. 1 Stellelbegs holtershold teal, de	The Training Department of CIINTE organizes basic courses in Warszawa, Katowice and Poznań
	B. Advanced course for Information	orkare hamiliani in propinsi dalah kangan da
Ì	E CONTROL TO THE TAKE THE PROPERTY OF THE PROP	IOI NOI S
	Year of foundation of the course: 19 Programme ton even one companies and	hours
	1. Trends and patterns of development technical and economic information. 2. Techniques of Intellectual activation. 3. Science of science etablities. 4. Role of Information in technology. 5. Organization of nation-wide. Info. 6. International co-operation in the experimental activation of accounts to the experimental accounts.	on 12 /Itles 3 /Itles 6 page 1997 /Ital progress 6 page 1997 // rmation networks 12
	등일 중요한 사람들이 있다니다. 마늘이번 바쁜 그 이 얼마를 다는 이 그리고 하는데 되어 있다.	

	hours
 Co-operation in the field of scient and economic information Legal problems in information Organization of information actimanagement technique Sources of information: document Collecting and classifying documincluded) Processing of documents Dissemination of information a) written Information card files (punched Reprography Printing and publishing - select Categories of information users, needs, subject planning according 	entific, technical form 10 vities and collections ents (UDC) 21 cards, peek-a-boo) 18 20 red techniques investigation of
Type of training	Extra-mural advanced course for information workers
Conditions of admission to exclude the accommodate of the conditions of a local accommodate of the conditions of the con	Information workers who have - completed the basic course organized by CIINTE, or equivalent one, and have been employed for at least 2 years of which one year must be in information work, - are graduates from a higher school or a secondary school, - have a good command of at least 2 foreign languages (one language active and one passive command)
Are foreign participants allowed	Yes Same that it modests
Duration of training 10/11/2 to respect to the distribution of th	18 months, 1,200 hrs., i.e. 200 hrs of lectures and exercises and 1,000 hrs of home-work
For what kind of work are the students being trained	Subject information specialists, scientific and technical librarians, information workers
Degrees or other qualifications granted a seamong not before Language of lectures	Entrance oral examination obligatory for students who have not attended the basic course; examinations during the training; final examination tion is the training; final examination to its included the conditions of a samination of the conditions of a samination of the conditions of a samination of the conditions of

Number of trainees

Other data

About 250 per course (from all over the country)

CLINTE organizes also courses lasting 3-6 days, conferences of 1-3 days, and seminars for information workers, heads of special libraries, and particularly for librarians employed by libraries attached to information centres

Subjects of courses and conferences:

- 1. Selected problems in special librarianship and scientific, technical and economic information (6-days course)
- 2. Patent documentation and information (2-days conference) Standards documentation and information (2-days conference)
- 4. Documentation and information of trade literature (1-day
- 5. UDC as means for systematization of press photographic collection (40 hrs course, extra-mural, 2 times 2 hours in a week during 10 weeks)
- 6. Collecting information material in a technical library, and circulating periodicals (2-days conference)
- 7. Dissemination of unpublished information
- 8. Reprography selected problems
 9. Mechanical recording and retrieval of information in the Institute of Zootechnics
- 10. Introduction to mechanization and automation of information process
- 11. Mechanization of information retrieval
- 12. Automation in information processing
- 13. Organization and keeping of edge-notched card files

WARSAW

Polska Akademia Nauk - Ośrodek Dokumentacji i Informacji Naukowej oraz Ministerstwo Oświaty i Szkolnictwa Wyzszego (Polish Academy of Sciences - Documentation and Scientific Information Centre, and the Ministry of Education and Higher Schools) Nowy Swiat 72, Warsaw

Director: Dr. A. Wysocki

Year of foundation of the course: 1967

A. General course in scientific information

Programme	hours
1. Organization of information in Poland and abroad	4
2. Sources and types of information	4 4 1 5
3. Collecting of information	4
	4
5. Documents, their kinds, characteristics and	The bolted by
principles for cataloguing	6

	•
 6. Bibliography 7. Theory of classification of s 8. Classification of documents 9. Universal Decimal Classificat 10. Scientific organization of the fundamental problems 11. Introduction to mechanization information processing 	ion 6 se keeping of archives
Type of training	General course in scientific in- formation
Conditions of admission	
	a) higher education b) exceptionally secondary one, and many years' experience in information work
Are foreign participants allowed	No. 19 19 19 19 19 19 19 19 19 19 19 19 19
Duration of training	9 days, full-time
For what kind of work are the students being trained	Information workers
Examinations	None
Degrees or other qualifications granted	Certificate
Language of lectures	Polish, if a foreign lecturer is engaged: Russian or English
Tuition fees	Free; textbooks to be bought
Number of trainees	그 스크로 가스가에 취임하면 그 이 이 생대를 취임하면 하면 되었습니다.
Other data	Other courses include 1) 3-days course on UDC 2) 4-days course: "Fundamental problems of scientific information in the fields of biological, agricultural and forestry, and medical sciences", 3) 3-days course: "Fundamental problems of scientific information in the fields of mathematical, physical and technical sciences"
B. Advanced course in scientific i	nformation
Programme	
Scientific information: concept methods Modern problems in information	
	그는 사람이 아무지 않을 다시 얼마를 받았다면 얼마를 받을 때문에 다른 사람이 되었다.

•		
		hours
4. Linguistic problems in scientif 5. Logic and classification of sci 6. Organization of information pro 7. Economic effectiveness of infor 8. Copyright 9. Classification systems 10. Librarianship, library science 11. Descriptors, thesauri 12. Modern problems in classificati 13. Information card files	ences blems mation	8 15 4 ************************************
 14. Processing of documents, select 15. Information publications 16. Mechanization and automation of 17. Social psychology, categories o studying users needs, subject p needs 	information processes f users, methods of	20 14
Type of training	Advanced course, part	time
Conditions of admission	graduated from higher employed in the field information. In excep	stry of Edu- nools who are schools and lof scientific otional circum- niso be admitted

Are foreign participants allowed Duration of training

For what kind of work are the students being trained

न्यानको केर्न अनुसर्व वर्ग सुद्धानिकोत् ह

Transi (Bargara pada India India Arenda)

and the second of the end of the year.

Examinations

Degrees or other wualifications granted

Language of lectures Tuition fees Number of trainees practical experience

https://www.traches.com/leted/higher stu-

2 years, 268 hours, 45 days of tuition in cycles of 7 to 8 days

dies but who have several years'

Subject information specialists, special librarians and information workers

No obligatory examinations. Students for the title of a "Diplomated Documentalist" have to pass an examination before a special State Examining Board

None

Polish

Free; textbooks to be bought

90

WROCLAW

Uniwersytet Wroclawski im. Boleslawa Bieruta, Wydzial Filologiczny, Katedra Bibiotekoznawstwa (Wroclaw B. Bierut University, Faculty of Philology, Chair of Library Science), Plac Uniwersytecki 1. Wroclaw

Professor: Dr. K. Glombiowski

Programme is the same as at the University of Warsaw, but there is no specialization in information science.

All students of the 4th year of studies are obliged to attend 60 hours of lectures: "Outline of scientific information and documentation problems" and pass an examination.

All other data as for the University of Warsaw.

GRADUATE :

Programme

A. Information

- 1. An outline of information work as an activity
- 2. Elements of information work as part of traditional librarianship

or the contract of the contrac

- 3. Information activities and the profession of librarian
- 4. Factors influencing an increased demand for scientific, technical
 - 5. The information activities of libraries and kinds of information
 - 6. Organization of the information services in Poland and abroad
 - 7. The role of information in a planned economy
 - Co-operation and co-ordination of library work in information activities
 - 9. Using technical methods in information work

rage ad out for expendentine to the first

B. Documentation

- 1. The concept of "documentation" and its relation to "information"
- 2. Kinds of documents
- Collecting, collating and disseminating documents in certain fields of knowledge

antigues and a control of the control of the control of

i – adam Alik İsk aşlığındak

Traditional Section (Free at) Street Land Control of the Control of the Control

Since 1967 there is also a 5-years extra-mural study course in Library Science at the Wroclaw University, including 20 hours of lectures on an "Outline of problems in scientific information and documentation" in the 4th year.

PORTUGAL

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

LISBON

Centro de Documentação Científica Ultramarina (The Centre of Scientific Documentation for Overseas Territories), Av. IIhha da Madeira (Restelo), Lisbon 3

Director: Dr. Z. Ferreira Paulo

NON-GRADUATE

Prepatory course for documentalists (The course has been held in Protugal and Brazil)

Programme

- 1. Introduction
- 2. Documentation
 - a) history
 - b) elementary concepts
 - c) scientific documentation, with some examples from physics, chemistry; natural sciences, economy, agriculture, engineering, medicine

The Cartifer Commence of the C

Carleson he sail

SHOW THE PARTY

i nggi si na da sadin ga

afelistopminel.osi.eggs-2

SOFTHAN MEESTO US

patricipal de Gerel especies de la

airi selimbalgi

- d) economics of information
- e) terminology
- f) scope and purpose
- g) co-operation in documentation
 - internal
 - external
 - international
- h) co-ordination
 - centralized directed
 - spontaneous
- i) standardization of scientific management
- J) organization of documentation
- abroad international
 - k) flow of documentation
- 1) centralization or decentralization advantages and disadvantages
- translation graphs between
- m) documentation centres and their organization
 internal regulations and their organization
 - activity
 - funtional connections
 - technical equipment
 - scientific, technical and auxiliary personnel
- n) elementary differences between an information centre and a library
- o) types of information centres and tentrals and serious

- p) documentation and information (scientific, etc.)
 - absolute and relative scope
 - basic purposes and means
- q) evaluating the output of information centres
- r) economics of information centres
- 3. Documentation and information documents
 - a) cards
 - b) analyses
 - c) information without supplying material
 - d) card index
 - e) archives
- 4. Methods and techniques of documentation
 - a) acquisition
 - b) selection
 - c) recording
 - d) making an inventory
 - e) standardization (standards in documentation)
 - f) bibliography
 - g) classification
 - h) cataloguing and catalogues
 - i) reproduction
 - j) dissemination
 - k) exchange
- 5. Scientific and technical information
 - a) organization of information
 - b) co-ordination and co-operation
- 6. Methodology of scientific information
 - a) planning
 - b) retrieval of information
 - c) selection
 - d) translations
 - e) documentation analysis
 - f) circulation of documents ...
 - g) informational funtions
 - h) mechanization of the information process
- 7. The technique of scientific information
- B. Documentation and scientific information as instruments of progress

Type of training

Duration of training

For what kind of work are the students being trained

Language of lectures

Preparatory course for documentalists

provinces for Mount Fact for Parent report (A. P. H. March en de prédicações y a las la cidades. Contrata de la predicação de la cidades
Four months and an artists

Documentalists The content page of the content of t

Portuguese in layout because of the

Course for documentalists

Programme

- Theoretical sessions. Lectures
 - 1. Curriculum for assistant documentalists

重换性的数据 转膜 网络皮肤毒素

2. Classification

- 3. Bibliography
 - a) bibliographical research

 - b) methodology
 c) preparation of bibliographies
 - d) bibliographical bulletins
 - e) indexing
- 4. Abstracting services. Abstracts bulletins
- 5. Standardization of documentation
- 6. Information and documentation planning
- 7. Scientific translation and applied linguistics in the communication of information. Linguistic problems
- 8. Preparation and editing of reference guides, information bulletins, abstracts, etc.
- 9. Structure and functioning of a documentation service
- 11. Practical work
- III. Visits, exhibitions, audio-visual sessions and lectures

Course for assistant-documentalists

Programme

- 1. Theoretical sessions. Lectures
 - 1. The Centro de Documentação Científica Ultramarina and other documentation services
 - a) legal basis of organization
 - b) structure and functions; diagrams
 - c) publication
 - c) publication
 2. Documentation work
 - a) types of document
 - b) acquisition
 - c) filling, recording
 - d) cataloguing; documentation cards; files
 - 3. Bibliography
 - 4. Union catalogues
 - 5. Lending
 - 6. Reference books
- 11. Practical work
- III. Visits, exhibitions, audio-visual sessions and lectures

Type of training

Course for documentalists and assistant-documentalists

the payon that with by acquality or

Art but be been hopped a

(on-the-job training)

raska in taking li No Phys. (1994) is

holdsaid to 1500 and but in order Conditions of admission

Participants of the course for documentalists should be universlty graduates

Duration of training 3 months

Degrees or other qualifications Diploma granted

SPECIAL

Introductory course to the Universal Decimal Classification (the course has been held in Portugal, Brazil, Angola and Mozambique)

Programme

- 1. Introduction to the classification of documents
 - a) characteristics of some systems
 - b) advantages and disadvantages of subject classification
 - c) techniques of subject classification
 - d) some basic principles of the practical use of subject classification
- 2. Chief principles of using the UDC system
 - a) history of UDC
 - b) principles of the structure of the system
 - c) using UDC
 - d) UDC tables
- 3. Definitions and symbols
 - decimal symbols and their use
- 4. Structure of the Universal Decimal Classification
 - a) citation order (structure of composite decimal symbols)
 - b) filing order (structure of the card index)
- 5. Use of the UDC system
 - a) integral use
 - b) partial use
 - c) UDC users in Portugal
- Practical principles of using UDC tables
 - a) examples of UDC illustrating the practical use of subject classification
 - b) rules limiting the multiplicity of solutions for the construction of a UDC number
 - c) analysis of improper methods of using UDC tables
- 7. Criticism of the UDC system
 - a) basic criticism of the system
 - b) specific criticism of certain sections of the principal and auxiliary tables
- 8. Present problems of the UDC system
 - a) difficulties and limitations
 - b) differences and anomalies
 - c) the evolution of UDC
 - d) methods of procedure
- 9. Future of UDC
 - a) increasing criticism and the need of a fundamental alteration of the system in accordance with modern concepts in humanities and remethe social, exact and applied sciences

" - Lateration of the material and

- b) deliberations on some documents, facts and commentaries
- c) immediate decisions taken by FID
- d) actual state of the problem
- e) synthesis of the criticism of "The Future of UDC"
- 10. Modern trends of the evolution of the classification of documents a) special classifications

- b) mechanization of documentation and information and its use in the classification of documents
- c) basic stages in the development of the classification of documents Of the 24 lectures 16 are theoretical and 8 connected with practical

Type of training

Duration of training

Special course on classification Lectures are held 3 times a week for a period of 2 months

or italia committe erittikis ti tula si erist t

- 680 B

Citienal violence enternation

AST TO STORY THE BUILDING THE FOLICE

eest starting and 4

And roubdittee . .

uniotri da

GROOM TOWNS CO

Their item satellite

For what kind of work are the students being trained

6.58,504 / 7.5

Language of lectures

Documentalists

Portuguese

SPECIAL

Course on organization of documentation and scientific information (the course has been held in Portugal and Brazil)

Programme

- 1. Methods of documentation
 - a) fundamental concepts and their use in science and technology
 - b) international institutions
 - c) national institutions
 - d) co-operation
- og Fra**e)ico-ordination** of metal second as gripelions in ske syndrom in jordere Hill &
 - 2. Fields of documentation
 - a) bibliography
 - b) standardization
 - c) Classification and testion among the order of the browners was income to make the
 - d) mechanization
 - e) automation
 - f) preparing scientific works
 - 3. Trainings of documentalists adjented with water term papers international and national institutions paradogue 35 100001 48. 4. Organization of documentation centres and scientific information
 - services. abasbesta 7770 (b.
 - a)-use:ain@teaching; scientific@research, incindustry, a a scalable .@ b) libraries, card indexes, map collections, photographic and 🕾
 - gramophone record collections 6) 150ADS 140 Clarenteetheath 200ADS 160 ul ing Braz Han Dockdorfation Compission
 - 5. Methodology
 - a) planning, organizational diagrams, work timetables $sign \in \mathcal{T} \cap \mathcal{T} \cap \{c\}$
 - b) Methods of research, information and disseminations is applead.
 - c) International and national informations to a memoral bases of . d) studies on output; refficiency and economics of information : (a
 - 6. Documentation techniques
 - a) bibliographical searching SEGULATION TO
 - b) analysis of documentation lips and describe that a made visus to
 - c) classification (UDC system) aborate notification upon to invested .3 attacking to about the latery to d) selection
 - strainste in notrecitieselo (d

e) reproductionf) disseminationg) exchangeh) standardization in documenta	to the second of
Type of training	Special course on organization of documentation
Duration of training	Classes are held 3 times a week for one month
For what kind of work are the students being trained	Candidates for scientists, lecturers, special librarians
Examinations	None
Degrees or other qualifications granted	Certificate of attendance
Language of lectures	Portuguese
SPECIAL	
Course on standardization of docum	entation
(the course has been held in Portu	gal and Brazil) or soon to abodied it.
Programme	Court Free Land Constitution of the
1. Introduction	, ar eviru filtura i descritas (b. 1907) 1907 haltararendo (d. 1907)
a) international b) foreign (mainly Brazil) c) Portuguese 3. Conferences and co-ordination i a) international b) Portuguese-Brazilian c) in Portugal 4. Operational phases and specific a) 1SO/TC 46 standards b) standards of the Brazilian D c) CT 7 standards 5. Structure and technical problem ization of documents a) 1SO/TC 46 (international) b) the Brazilian Documentation	reflection (6 not received (6
a) international recommendation b) foreign	s and projects of recommendations
c) Portuguesed) equivalents (international,	celforces lesings inclided (s Brazilian and Portuguese)
8. Subjects of documentation stand a) critical study of subjects b) classification of standards	ards Alloya Lakib medice (1) pageds (si pulitariae (b
	기 :

- c) study of the structure of analytical indexes (key-words)
- 9. Comparative study of the principal documentation standards
 - a) bibliographic cards, standardization cards, etc. (formats), recording of bibliographic cards
 - b) publications (documents), a general index, numeration
 - c) bibliographic references
 - d) periodical publications; format A4; conventional abbreviations of titles; bibliographic reference; general index; presentation of titles
 - e) microcopies; terminology and definitions; dimensions; scales (of reduction)
- 10. Methods of dissemination of standards
 - a) meetings, operational commissions, contact with the public
 - b) periodicals
 - c) standards
 - d) files of cards for documentation standards
 - e) catalogues of standards
- 11. Present state of work in the field of standardizing documents
 - a) on an international scale
 - 1.SO
 - UNESCO operational groups
 - national institutions not affiliated to ISO
 - b) in Brazil
 - c) in Portugal
- 12. Subjects of research. Programming standardization of documents
- 13. Other aspects of standardization in the organization of intellectual work
 - a) statistics and standardization
 - b) nomenclature in bibliography
 - c) Universal Decimal Classification (UDC) as a standard
 - d) public relations and the organization of intellectual work
- 14. Present problems of standardization of documentation
 - a) at the internional level: a real co-ordination of various fields of standardization; greater dissemination of standardization at all levels and fields of intellectual work
 - b) at the Portuguese level: standardization and freedom of thought; dangers connected with overstandardizing or with premature standardization; development of work in standardization and the results of standardization; shortening the operational phases; programming for short periods; adaptation to scientific activities, solutions and material already confirmed in technical and industrial activities; the Brazilian-Portuguese operational group in the field of standard terminology

Type of training Conditions of admission Duration of training Special course on standardization University diploma Classes are held twice a week during two months For what kind of work are the students being trained

Documentalists-engineers, documentalists-agronomists, documentalists-geologists, documentalists-physicians, documentalists-physicists, etc.

10.00 .00

Examinations

None

Degrees or other qualifications granted

None

Language of lectures
Number of trainees

Portuguese 70 persons

The fail wanter to the street his property after the

And the control of th

adifusinadunura du danasa salayak emilyin eripaduni dung adinar bina dung salayak adirun ada palung eninar palung

Firm of training The discount of aimmorean Bureleit, of the Why

ROMANIA

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

BUCAREST

Institutul Central de Documentare Tehnica - IDT (The Central Institute for Technical Documentation), Str. Cosmonautilor 27-29, Bucarest

Director: Mr. V. Täräboi

Year of foundation of the course: 1955

The Central Institute for Technical Documentation (IDT) organizes the further education of medium- and high-level staff of technical information and documentation departments in institutes and industrial enterprises and technical libraries.

The training courses last 4-6 days and include theoretical lessons

and seminars.

Types of course organized by IDT in 1968:

A. three types of course designed for the further training of documentation engineers;

B. a special course for patent documentation engineers;

C. two types of further training course for technical librarians.

Programmes

Introduction to technical and scientific information and documentation

1. Method and organization problems of the information and documentation 2. Documentary media

3. Identification of sources and acquisition of documentary materials

4. Data processing

5. Current awareness services and information for executives and Services

6. Subject information

- 7. Organized study of publications as all additions to the additional to the additio
- 8. Organization and functioning of a technical library

9. Bibliography

- 10. Introduction to the Universal Decimal Classification المناوار الناوار والمواصو
- 11. Liaison within an enterprise and the second second second as the second sec Seminars

Modern methods in information and documentation has a second as a

- 1. Theory of technical and scientific information
- 22. Secondary sources of Information of the trappo and does lead black is
 - 3. Identification and use of documents of restricted circulation
 - 4. Documents Indexing the case a rest to entitle son to ship the ship t 5. Co-ordinate indexing
 - 6. Improvements in the Universal Decimal Classification

- 7. Abstracting
- 8. Documentation regarding patent literature
- 9. Classification systems of patents
- 10. Equipment used in information and documentation. Reprography and duplication
- 11. Storage and retrieval by computers. Component parts, functioning, programming (optional)

Seminars

Basis of information and documentation

- 1. Method and organization problems in information and documentation (introductory lesson)
- 2. Organization of technical and scientific information and documentation, at home and abroad
- 3. Role and organization of technical libraries
- 4. Sources of information
- 5. Documentary media
- 6. Identification and acquisition of documentary materials
- 7. Identification, acquisition and use of documentary materials of restricted circulation
- 8. Universal Decimal Classification and Association and Associ
- 9. Data processing (analysis of the needs of information, selection processing forms)
- 10. Bibliographical work
- 11. Analytical processing. Abstracting
- 12. Preparation of reviews
- 13. Current awareness services and information for executives
- 14. Organized survey of publications
- 15. Subject information
- 16. Documentation regarding patent literature
- 17. Classification systems of patents there a stranger bear members in
- 18. Mechanization and automation applied to information and documentation
- 19. Reprography and duplicating machines and equipment Seminars: no patrice product of a colored only to be a seed model to epitudicities on

newfragelyr - or mortaletwin B beet und

Information and documentation in patentialiterature: years bearing and it. 1.

- 1. Utilization of patent literature in documentation problems of applied research and technical development

 2. Identification and acquisition of patents

 3. Classification systems of patents
- 3. Classification systems of patents
- 4. Organization of a patent collection. Cataloguing of patents
- 5. Retrospective searching of patent literature
- 6. Defining novelty and progress in examining an invention
- 7. Patent legislation of Armone Commission was allowed as the variable for
- 8. Juridical problems occurring in drafting claims. Protection of patents. Exploitation of patents in a stranger of the s

तको विकास विकास है। विकास अपने विकास अपने विकास करने विकास करने विकास करने हैं। उन्हें

9. Checking of the validity of the patents concerning installations or products go i ketai opan tholing .d

Seminars

C C

introductory course for technical librarians

- 1. Technical libraries. Basic documents. Functions
- 2. Documentary media in a technical library
- 3. Growth of the library stock
- 4. Stock maintenance
- 5. Filing of documents on the shelves
- 6. Rules for catalogue entries
- 7. Library catalogues
- 8. a) Bibliography
 - b) Readers' services
- 9. Universal Decimal Classification
- 10. Documentation methods

Seminars

Advanced course for technical librarians

- 1. Library catalogues
- 2. Secondary information sources: structure, utilization

Maday over

- 3. Bibliographical work
- 4. Active information
- 5. Universal Decimal Classification
- 6. Publicity of technical literature within institutions and enterprises

Type of training Conditions of admission

Duration of training For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted

Language of lectures

Tuition fees

Number of trainees

Short further training courses

A and B courses can be attended only by engineers and technicians The C course can be attended by graduates working in a technical li-brary

4-6 days to beind to being their hard Documentation engineers and technical librarians are no become

None

None

Romanian

Charges are met by the enterprises whose engineers and librarians attend the courses

In 1968 the courses were attended by 570 engineers and 200 librarians

Plans for other types of course in 1968-1970

Long-term courses for documentation engineers are envisaged for 1969-



SENEGAL

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

DA KAR

<u> </u>	
Centre Régional de Formation de Bib	liothécaires (Regional Centre of
Training of Librarians, University B.P. 2287 (Mission UNESCO), Dakar	of Dakar),
Year of foundation: 1962	and the state of t
1	Spine profite in the con-
NON-GRADUATE	pure Perekaran Terbalah dan Pratis. Buah salah di Perekaran Diserbah perekaran di Perekaran Julian Beraharan Perekaran Beraharan Perekaran Perekar
Programme	hours 4
1. Organization and administration	of libraries 60.
2. History and techniques of the bo 3. Bibliography	ok. 36 - 244 100 22 100 100 24 24 36 120 24 24 2
4. Cataloguing	1945年 日本 11 24 年 編 1 - 1 - 1
5. Techniques of teaching and techn 6. Basic education	ique of documentation 24
7. Typing	9.217.893.117. 24 (17.4.17.2)
tambara, a masa a sa s	i ne franchi de santa fe finalisado a parentaja teorit. De si nomeno estalo, entre en en entre estalo de la comunicación de la comunicación de la comunicación de la c
Type of training	Courses in library science
Conditions of admission	Baccalauréat and at least 3 years of practical work in a library
Are foreign participants allowed	Yes, young girls and boys speaking French, from tropical African coun-
्रा पूर्व हेटर रहतीं के इंट एक्ट्री किट प्रिट्ट है जातें	tries
Duration of training the state of the beautiful to the state of the st	One year
For what kind of work are the students being trained	Librarians weak the transferences
Degrees or other qualifications granted	Certificat d'aptitude à la profes- sion de bibliothécaire
· Property of the second second	Bright Soyd respons
international de la companya de la Companya de la companya de la compa	the production are transported in bound on a grant transport
The second of th	Bankaran of the same
Chicagon da eel Litro erro cristar erce.ci.leginecer ed trinceridas cris ar ce comeses	
in 1966 (na couros vere attended by 810 engineers and 100 librariann	medical security and the second
	ni satupo to grayi sadoo to) ansiii
그는 점점 그러워 그는 이번 가는 맛이 되고 그는 음식을 위해 하시다. 그는 것이 하지만 하나요?	no the composit for edelical mantiforms.

්දීල්ල් වැටල් වෙලෙනුවේ අතම නිස්සු විප්යවල් සුගිය සිදු උපව සමඟ පුරුවේ ගැරවු මෙන්දියෙන් කම්මි "ගුසිය දියුවේ දියුවේ සිදුවෙන් විස්සුවේ සිදුවෙන් සිදුවෙන් සිදුවෙන් සිදුවෙන් සිදුවෙන් සිදුවෙන් සිදුවෙන් කම්මියි "ගුසියි සිදුවෙන් සි

SOUTH AFRICA

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

No courses are run in South Africa in documentation and information, but the subject is included in library training courses. There are eleven universities in the Republic providing library training, which includes courses in documentation. Correspondence courses are also conducted by the University of South Africa in Pretoria.

BLOEMFONTEIN

Department of Librarianship, University of the Orange Free State, P.O. Box 339, Bloemfontein, OFS

DURBAN

Department of Librarianship, University College, Salisbury Island, Durban, Natal

RONDEBOSCH

School of Librarianship, University of Cape Town, Rondebosch, Cape Province

FORT HARE

Department of Librarianship, University College of Fort Hare, Fort Hare, Cape Province

GRAHAMSTOWN

Department of Librarianship, Rhodes University, Grahamstown organis jajangan Tajorettajan jarah 1964 katal terberah sebah katal Perlah pertitangan sebagai sebah
JOHANNESBURG

gaalekken da sinci

angle and helper Reported this ex-

Department of Librarianship, University of Witwatersrand, Jan Smuts Avenue, Johannesburg, Transvaal

yambandouz di te lektoni vi chod la <mark>KASSELSVLEI</mark>

Department of Librarianship, University College of the Western Cape, Private Bag, Kasselsviei, Cape Province Painterface (by Lead in the C workship the consensation and

POTCHEFSTROOM

Department of Librarianship, Potchefstroom University for Christian Higher Education, Potchefstroom, Transvaal Sake Sound last to 9

Their remaindabh anns for their bard

Extends to exact traces a till

PRETORIA

Department of Librarianship, University of Pretoria, Pretoria, Transvaal

PRETORIA

Department of Librarianship and Bibliography, University of South Africa,

P.O. Box 392, Pretoria, Transvaal

STELLENBOSCH

Department of Librarianship, University of Stellenbosch, Stellenbosch, Cape Province

Programme

- 1. Administration of libraries and scope of activities
 - a) history of the book and the library
 - b) analytical, descriptive and historical bibliography
 - c) cataloguing
 - d) classification (UDC, LC, Brown, Ranganathan, Bliss)
 - e) principles of book selection
 - f) information activities
 - g) administrative practice
 - h) storage
- 2. Documentation
 - a) modern methods of information retrieval
 - b) reference work
 - c) studies on reading
- 3. Scientific information service
 - a) types of library: school, special, etc.
 - b) specialization in making collections in special fields

Type of training

Academic study in library science documentation is included in the

curricula

Conditions of admission

Leaving certificate of a secondary school or a certificate of studies completed at a university (Bachelor's degree)

Duration of training

1-4 years, depending on the institution where the course is held

For what kind of work are the students being trained

Librarians, special librarians, documentalists -

Examinations

During the period of study and at the end of each academic year



Degrees or other qualifications granted

Language of lectures
Tuition fees
Number of trainees
Other data

Nathamasani ia tabba terbiasation

ងពីសមានផ្លែ ខ្មែរសមមន្ត្រី ១០ ។ នៅសម្រែ ១៤៤ម៉ូនូង

Rent the file we had to be to be standing agency

the friend that the land the

There's the - block weight There's the beautiful

The following qualifications are obtained on qualifying, according to the course followed:
Diplomas:

- 1. Lower Diploma (one or two years after high school)
- Higher Diploma (and degree (Bibl.)) (one year professional course after a three-year academic degree)
- 3. School Library Diploma Degrees:
- 1. Bachelor (3 or 4 years combined academic and professional course)
- 2. Hons. degree (Bibl.)
- 3. M.A. (Bibl.)
- 4. Dr. Phil.

English and/or Afrikaans

R 125 - R 500

About 40 graduates per annum

multipoper and extension of the content popular follows.

relien research (in der greichte Westellung) in de geleit (in 1900), der Geleit (in 1900), der Geleit (in 1900) Der geleit (in 1900),
The South African Library Association has latterly made provision for a measure of specialization in particular types of literature (e.g. medicine, economics, Africana) and in library administration (e.g. university and special libraries or school and children's libraries)

in Perlegian in Section (1997), per la suita de la composition della composition del

. Agalah kini per Jeger ngakiti

ได้เกาะเล่น ใน บุลเบ็นเรียก

The Property To the Property of

रेक्टरे हैं के हैं के हैं के लिए हैं के लिए हैं के लिए हैं के हैं के लिए हैं के लिए हैं के लिए हैं के लिए हैं

ं १ विकास से अपने होता है। इस विकास से किस से अपने के
SPAIN

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

MADRID

Escuela de Documentalistas (School for Documentalists), Avenida Calvo Sotelo 22, Madrid 1

Director: Dr. L.S. Belda

traidata traken h

Year of foundation of the School: 1953

POST-GRADUATE and NON-GRADUATE

Programme - upper grade	hours/week
1. Cataloguino	3
2. Classification	
3. General library science	, 3 ,,
4. General bibliography	2
5. History of books and libraries	1 2 4 5
6. Special documents	2
7. Special bibliography	3
Special library science	3
9. Documentation	3
10. Archives	. 2
VISITS TO documentation centres and libraries, and	· •
practical work with several ways and	4

Programme - lower grade	hours/weel
1. Principles of cataloguing	. 3
2. Principles of classification	
3. Principles of documentation	3
4. Principles of archives	3
5. Principles of library science	. 3
6. Summary of history and technique of documents	3
7. Administrative archive in the enterprise	3
8. Principles of general bibliography and reference	. 3
9. Administration and legislation	3
Visits to documentation centres and practical work	3

Type of training	Professional sciool of documentation	
Conditions of admission	Upper grade - university graduate Lower grade - graduates from high	
	school	

Are foreign participants allowed Yes

Conditions of admission Same as for Spanish

Duration of training Upper grade - one year
Lower grade - two years



For what kind of work are the

students being trained

Documentalist, librarian, informa-

tion scientist

Examinations

Entrance and final examinations are

compulsory

Degrees or other qualifications

aranted

Upper grade - Documentalista

Lower grade - Ayudante de Documenta-

ción

Language of lectures

Tuition fees

Spanish 1000 pesetas

Number of trainees

80 per year

MADRID

Instituto Nacional de Racionalización del Trabajo (National Institute

for Scientific Management),

Serrano 150, Madrid

Director: Dr. F. de la Sierra

Year of foundation of the course: 1960

SPECIAL.

in the enterprise Course on organization of administrative work

Programme

- 1. Simplification and improvement of documentation
- Structure and organization of enterprise
 Psychology of enterprise
- 4. Documentation and information in the enterprise
- 5. Work safety, environment, public relation
- 6. Planning and preparation of administrative work
- 7. Evaluation and division of administrative work
- 8. Standardization and control of documents
- 9. Control of management
- 10. Proper management
- 11. Statistics and analysis of statistical data
- 12. Archives, correspondence, typewriting
- 13. Automation of administrative work

Type of training

Course on organization of adminis-

trative work; lectures on documentation are included in the pro-

gramme

Duration of training

3 months

186

For what kind of work are the students being trained Examinations Degrees or other qualifications aranted Language of lectures Tuition fees Number of trainees

Managers

None

A diploma

Spanish

10,000 pesetas

25

ENTOSMAS

the rather received to the decrease in their and the CH treeting in

. In the following studies in the า เกษา กำหนับ แอกได้เกษตอยอดีก เพื่อ

TO Temperate become installed sometimes

Terminary on a fraction had the

Inertagore record will

යන් වැන්ත් කරන්න සම්බන්ධ අතුර සහ දැන්වන් වන්නේ කරන්නේ සම්බන්ධ වන්නේ දැන්නේ වැන්නේ දැන්නේ දැන්නේ දැන්නේ දැන්නේ ද අතුරු දැන්නේ සම්බන්ධ වෙන්නේ සම්බන්ධ සම්බන්ධ වෙන්නේ දැන්නේ
त्य कि विदेश के जिल्ला ने के कि का कि स्थापन कर का कि को अनुसार के rhanisan no servisei jaron pylitist Lettepp ara sitti 2001 an that pro-2000

Type of territion

ស់ជាព្រះ ស្រ

Semination of transfering

SWEDEN

The Swedish Society for Technical Documentation (TLS) is responsible for regular training in the documentation field.

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

STOCKHOLM

Tekniska Litteratursällskapet - TLS (The Swedish Society for Technical Documentation),
Box 5073, 102 42 Stockholm 5

The Society arranges short courses of two weeks for personnel in documentation centres and special libraries. TLS has arranged about 30 courses of this type. The courses are arranged at various places in Sweden, mainly in collaboration with large libraries. The number of students in the courses is generally about 30.

TLS conducts its training activity on a non-profit basis. The applicants for the courses represent a variety of qualifications from secondary school to university education. The programmes of the courses can be divided into three groups:

- A. courses for librarians and documentalists, mainly held as symposia, where each participant presents a paper on a special subject ending up with a general discussion;
- B. courses for executive staff (for programme, see below);
- C. special courses, for instance on data processing in libraries and on chemical documentation.

Programme - for courses B

Type 1

- 1. International and Scandinavian co-operation
- 2. Acquisition of not easily available information
- 3. Reference service. Documentation service
- 4. Modern documentation methods
- 5. Coordinated indexing
- 6. Technical aids
- 7. Universal Decimal Classification
- 8. Bibliography:
 - a) general
 - b) biology, medicine, physics
 - c) construction, electrical engineering
 - d) industrial economy and organization
 - e) chemistry, chemical industry
 - f) engineering, material

Type II

- 1. Cataloguing
- 2. Universal Decimal Classification



- 3. Library service routines:
 - a) loan service
 - b) contact with other libraries
 - c) accessioning and circulation of journals
 - d) bibliographies
 - e) reference books

A special commission is preparing a proposal to the Government on the training of librarians, archivists and documentalists. The training of clerical staff will also be considered. The proposal was submitted early in 1969.

ADDITIONAL INFORMATION

STOCKHOLM

```
នាងសុខ ម៉ា ប្រាស់ ស្ថិត មាន សុខ ប្រើប្រាស់
Kungl. Tekniska Högskolans Bibliotek (Royal Institute of Technology
Library),
Industrigarden 2, Stockholm 70
                                                                                             Professional States of the Second Carl
and
Svenska Institutet för Dokumentation, SINFDOK (Swedish Council for
Scientific Information and Documentation),
                                                                                                                         Salt prei lebesto der algrede
Fack, 100 72 Stockholm 43
arrange courses in the field of documentation and information retrieval.
 के सहित्य है कि हा कि अने हिन्दी हैं, कि एक हरते हैं है हा कि है की की की कि कि कि कि कि कि कि
                                                                                                             tonis much in a securing a later of
                                      t alles the jester grown the term there will be back as the best because in
                                                         reduced for the article and charles and problems for the content of the content of
                                                                                                                      LOOK THE DISTRICTION OF STATEMENT FOR I
                                                                                                                            Figure project and in temperaturals
                                                                 the first of the second of the
                                                         are the trained but partitions and belonger the constituent of the con-
                                                                            - in out this and the thousand of the Cities of
                                                                                                                                    grander with the total
                                                                                                                                                     ands solvens . a.
                                                                                                    not that the all teriology herebyings, to
                                                                                                                                                          र स्विक्ताला (ते.स. .स
                                                                                                                                                                Tersines (s
                                                                                                     the administration of the property of the
                                                                               Controllar and train, good objections
                                                                                 outhouses or passed spiritually is
Situated to make by the books to
                                                                                                                    to the pastale contragal gas th
                                                                                                                                                                                  d1.193
                                                                                                                                                              en lagurer at its
                                                                                                  The Tay Trieseld Tentoet the search . 2
```

189

SWITZERLAND

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

BERNE

Schweizerische Vereinigung für Dokumentation (SVD) - Association Suisse de Documentation (ASD) (Swiss Association for Documentation), Postfach A 158, CH-8032 Zürich

Year of foundation of the courses: 1958

The Swiss Association for Documentation arranges 12-day (3 times 4 days) introductory courses to documentation and 8-day (2 times 4 days) courses on classification. The participants are technicians, engineers, economists and scientific workers. About 30 persons are trained each year.

Training of documentalists in chemistry is conducted by the Faculty of Chemistry of the University of Basle. The lectures are delivered in German.

A construction of the property of the control of th

Type of tradictor likebolon of brinking

gilawan kaja danakang nakanakan di Nasanakan

TUNISIA

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

TUNIS

Training in documentation is carried out by the Institut Ali Bach

In addition to students from Tunisia, a limited number of students from other French-speaking African countries are admitted.

An international team of visiting lecturers from Belgium, Federal Republic of Germany, France and the Netherlands alongside with Tunisian experts provides the students with a knowledge of the theory, methods and techniques of documentation.

Besides lectures, the course also includes practical exercises and guided visits to libraries and documentation centres. Starting with the fifth course (1969/1970), directed work experience will take place in the afternoons in a documentation centre in order to familiarize the students with documentation practice.

Institut Ali Bach Hamba, 2, rue de Champagne, Tunis

Director: B. Jaibi

Year of foundation of the course: 1965

NON-GRADUATE

Documentation course

Programme		hours
1. A general introduction to documentation science,	its	
organization and techniques		40
2. Standardization and terminology		40
3. Bibliography and cataloguing		80
4. Classification systems and thesauri		40
5. Document reproduction and selection	•	40
6. Sources of information		10
7. Co-operation and coordination at national and in-	er-	
national level		40
8. Organization of a documentation centre		40
		——
	100	330

Type of training
Duration of training

A documentation training course

400 hours of lectures and exercises during six to seven months, 5 days a week from 8 a.m. to 12.30 p.m.

Conditions of admission

Leaving certificate of a secondary school (baccalauréat) or its equivalent

Employees of documentation centres and libraries who can present a certificate issued by their authorities containing the data concerning their studies

For what kind of work are the students being trained

Assistant documentalists and information workers

Examinations

Candidates take a competitive entrance examination in September and a final examination in April upon completion of the course

Entrance examinations are not required for students from other Frenchspeaking African countries

Degrees or other qualifications granted

Assistant documentalist

Language of lectures

French None

Tuition fees

About 25 to 30 yearly

Number of trainees Other data

Besides training courses, the Institut Ali Bach Hamba also organizes refresher courses and documentation

seminars
The possibility of organizing advanced training courses in documentation

ced training courses in documentation is presently being studied by the institut Ali Bach Hamba

192

TURKEY

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

the transport of agents of attraction of the control of the contro

There are no training courses for documentalists in Turkey. There is, however, a $\underbrace{\text{Library School}}_{\text{Ankara.}}$ at university level at the $\underbrace{\text{University of }}_{\text{Normal Normal

i an and area operation

arad amaking

193

UGANDA

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

KAMPALA

East African School of Librarianship, Makarere University College, Kampala

NON-GRADUATE

Programme

- 1. Organization of libraries
- 2. Cataloguing
- 3. Classification
- 4. Bibliography
- 5. Documentation

Type of training

(3.5)

Are foreign participants allowed

Duration of training

For what kind of work are the

students being trained

Degrees or other qualifications aranted

School of Librarianship

Yes, from East Africa

2 years

Librarians

Diploma in Librarianship

Sunga / Information specializatory

in the moine insubserval and legal temper appropriate to appropriate and the contract of the c

Bedingerse (1907) garage Comment B Amerikan dan Stanta

Machine / engineet

348 1 3 2 1 1 1 1

स्थापन प्रसंद्धा के स्टेस्ट्रोंट्र व्यूष्ट विकासीट विस्तान वर्ष के संक्राविक्ट्यान स्टब्स्ट्रीय स्टेस्ट्रिस्ट्री स्टेस्ट्रिस्ट्री

ta difference proposale al campanione con

នុសាសនិង**ស**ាក់ខេត្តស្ន

ingraed un obeat choisfieir deur

Arthibul to repained

UNION OF SOVIET SOCIALIST REPUBLICS

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

KHARKOV

See under MOSCOW Cultural institutes

KUIBYSHEV

<u>Kujbyševskij Politehničeskij Institut im. V.V. Kujbyševa</u> (Kuibyshev Polytechnic Institute)

GRADUATE

In addition to general subjects the following special subjects are lectured on:

	hours
 Mathematical basis of cybernetic Automatic regulation and control Computing technology Fundamentals of scientific infor Fundamentals of information tech Information retrieval languages Programming Information machines and their eg Special equipment of information Means of information transfer Communication means and transmis materials Automatic information systems 	112 66 mation 104 nniques 139 51 88 elements 132 n centres 90
Type of training	Lectures in information science in- cluded in the programme of the Polytechnic Institute
Duration of training	5 years
For what kind of work are the students being trained	Subject information specialists, specialists in mechanization and automation of information processes
Examinations	Entrance, during the course, and final examinations
Degrecs or other qualifications granted	Electrical engineer
Language of lectures	Russian



195

Tuition fees Other data

Specialists in mechanization and automation of information processes are also prepared by technical institutes in Tomsk, Sevastopol, Kaunas, .Tallin.

of Celladder Cobernstellers

LENINGRAD

See under MOSCOW Cultural institutes

MOSCOW

Vsesojuznyj Institut Naučnoj i Tehničeskoj Informacii - VINITI (All-Union Institute for Scientific and Technical Information),
Raltickaia ul. 14. Moscow A-219.

the North British the sweet of the constant

Director: Prof. A.I. Mikhailov

Year of foundation of the doctoral courses: 1959 Year of foundation of the advanced courses: 1962

POST-GRADUATE

1. Doctoral courses in scientific and technical information

A. Specialization - "Scientific and technical information"

- Introduction

 Subject has a part of the state of the stat 1. Subject, basic problems and methods of scientific and technical information contains the excitation to the promise of the figure
- 2. Sources of information (books, journals, patents, standards, reports on scientific and research projects, etc.)

- Basic procedures for processing of documents

 3. Procedure of semantic processing of documents:
 - Classification, subject matter division (see also: "Basic types of retrieval systems") Preparation of bibliographic description
 Annotation
 Abstracting
 Reviewing
 Translation

 - Problems of mechanization of these processes
- 4. Procedures of non-semantic processing of documents and technical

 - Storage

- Duplication (single and circulation)
- Teletransmission

Information publications

5. Abstracting journals, express information service, bibliographical indexes, bibliographical and abstracting cards. Other publications of reference and bibliographical types on published sources. Collections of abstracts, files and other publications on unpublished sources. Reviews. Types of reviews: topical, comparative, etc. Mechanization of the processes of preparing information publications

Information and referral services

- 6. Collection of sources of information. Reference and information collection as distinct from scientific and technical library stock. Library stock and technical archives as parts of reference information collection. Structure of reference information collection. Depository of original documents (copies). Reference apparatus
- 7. The main reference information file, principles and means of its realization
- 8. Special reference files and their organization. Principles and means of realization of special information files
- 9. Reference Information service as distinct from the system of library and bibliographical services. Main reference information collections of central and regional information centres, as parts of joint stock, included in the national information system

Information retrieval systems

10. Retrieval systems
Basic elements of retrieval systems
Retrieval languages. Vocabulary of retrieval languages. Syntax of retrieval language as the means of expressing contextual relations.
Influence of syntax on the translation from natural into information retrieval language
Logic of Information retrieval systems. Gener 1 and specific relations. Principles of comparison

11. Basic processes of the performance of information retrieval system Translation of documents and queries from natural into information retrieval language. Inverse principle of the system. Concept of mechanization of retrieval system.

Tachnical means for information retrieval

12. Non-machine means of information retrieval: Library cards, peek-a-boo cards, Uniterm cards, edge-punched cards. Area of application of non-machine means of implementation of retrieval systems.

Machine means for retrieval systems: Universal electronic digital computers. Possibilities of applying electronic digital computers to information systems.

Main types of contemporary retrieval systems

- 13. UDC, representing systems with strong hierarchy
- 14. Indexes (subject indexes, author indexes, permutation indexes, specialized indexes)

hi i gou chiar

15. Systems of the American Engineers' Joint Council (EJC) and of the Cybernetic Institute of the Ukrainian Academy of Sciences, representing systems with strong hierarchy and developed grammar. System "Pusto-Nepusto", representing grammar-free systems with weak hier-

16. Specialized information retrieval systems. Analyses of one of these non-machine systems Problems of retrieving copies of documents, according to their

17. Information retrieval system "Poisk-I" Foreign information systems, solving similar tasks

Organization of scientific and technical information in the USSR

- 18. The role of the State Committee for Science and Technology in coordination of scientific and technical information in the USSR All-Union centres of scientific and technical information and their functions. Centralized treatment of published information materials
- 19. Central branch organs of scientific and technical information, and their functions Centralized treatment of unpublished information materials Information cards. Organization of the ascending flow of informa-
- 20. Regional (and branch) information organs and their functions Local organizations of scientific and technical information (in offices, factories, etc.) and their functions

Organization of scientific and technical information abroad

- 21. Organizations of technical and scientific information in socialist countries. Development, structure, and contemporary organization of informati n service
- 22. Organization of scientific and technical information in capitalist countries. Development, structure. Contemporary organistion of information services in USA, United Kingdom and Japan
- 23. International information organizations. Their tasks, methods and ields of activity (FID, ISO, IFLA)

-International co-operation in the field of scientific information activity tout free of coard makes the true expandence to enot

- 24. Perspectives of the development of international relations. Co-ordination of scientific and technical information activities among the members of Comecon and all socialist countries contentiand
- B. Specialization "Computing technology"

Programme structions and ediblical areas is butting or estated and construction

iligintroduction of the many acting and the second Fields of application of electronic discrete machines: computing technology, automatic information processing. Characteristics and flowcharts of basic types of existing electronic discrete machines pub des catius devices, bein beret bech accepted tapes Coding deviced

te. Compat posteus.

2. Information theory Quality of information Entropy. Conditional entropy, entropy of continuous process. Quantification. Kotelnikov theorem. Theory of transfer in noise. Shannon theorem. Redundancy, noise-proof feature. Hemming field. The idea of rectifying codes. Elements of the theory of statistical decision. Isolation of signal from noise

3. Boolean algebra
Principles. Basic logical operations and their realization in electronics circuits. Derivation of complex logical schemes from simpler ones

4. Arithmetical foundations of machine operations
Numerical systems - binary, decimal, octal. Advantages of binary
numerical systems. Binary - decimal, octal and sextodecimal systems.
Translation of numbers from one system into another. Representation
of numbers. Fixed and floating point. Notation of number sign: etc.

5. Instruction coding
Systems with one, two, three and four addresses. Following instructions - natural and constrained methods. Examples of instruction
compilation for various coding systems. Examples of direct coding
for these instructions. Length of words. Variable word length; etc.

6. Circuit building Code representation - parallel and sequential. Comparative characteristics of parallel and sequential calculation

7. Basic circuit elements
Valve, semiconductor and ferrite and combined elements, semi-conductor integrated circuits, cryogenic elements, thin film circuits.
Reliability of elements
Construction of elementary logical functions (negation, conjunction, disjunction) on various elements. Elements AND, OR, NOT, exclusive OR (Schoeffer). Construction of basic and auxiliary circuits on universal elements.

8. Basic circuit terminals
Circuit types and their utilization in machines
Code remembering registers. Dynamic and static registers. Register
string control. Circuits of code comparison. Code shifting and transformation using time pulses. Commutators. Counters. Adders. Translators of continuous and discrete quantities

9. Memory devices
Types of memory device: classification of memory according to their destination, rules of operation, and representation of codes. Controlled access to memory devices of parallel and sequential operation. Memory versus remaining machine devices and role of various memory devices in machine circuit

10. Control devices
Functions performed by control devices. Building of circuits of automatic control. Microprogrammic operation control. Debugging and verification of operation

Requirements and types of input and output device. Punched cards input and output devices. Data input from punched tapes. Coding devices. Translators

Devices for automatic data input into electronic digital computer. Optical input devices

Optical display devices, drum and disk printers. Electrographic and thermographic methods of quick print

- 12. Special methods of computerized information processing Sorting. Address - free access to memory. Programme storing. Metaprogramming
- 13. Problem of computer organization Purpose and role of programming. Machine language. Compilation and automatic programming. Choice of task-solving methods. Structural scheme of electronic digital computer. Establishing flowcharts of separate devices. Construction of electric circuits. Multiprogramming. Multifold input. Precedence hierarchy in time-sharing. (Ideas) of high-speed operating memory Edgests of applicable gastaff and son a

C. Specialization - "Structural, applied and mathematical linguistics".

Programme

- 1. General problems
 - a) General concepts of linguistic theory: language and speech (langue and parol), syntagmatics and paradigmatics, plan of expression and plan of a summary, synchronism and diachronism, the concept SPRINGER OF BUILDING

ar teligencie inch incipalità i cab

- b) Methods of language description
- c) Statistical-probabilistic approach to language teaching (speech), individual and common features of language
- 2. Language levels
 - a) Phonetics and morphology
 - b) Morphology. Concept of morphemes
 - (%c) Syntax
 - Pid) Semantics To the section A. A
- 3. Relations between language systems Language typology. Linguistics of universals
- 4. Applied linguistics. Machine translation

Are foreign participants allowed Yes

Duration of training

For what kind of work are the Information scientists, highly qualistudents being trained

Degrees or other qualifications Doctor's degree in: granted

Type of training a leave not to me Doctoral courses a book leave

3 years Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans
Jeans

fied staff in the theory and practice notified them is the design of Information science we discuss the continued

रिकार वार्ट प्रस्ते हे प्रपर्ध वर्षासू

1. scientific and technical informa-

- 2. computing technique
- 3. structural, applied and mathematical linguistics

Russian

Language of lectures

Tuition fees	Free
11. Advanced training courses for s	scientific information workers
Course in scientific and technical	information
Programme	hours
 Theory and organization of scientiformation Mechanization and automation of 	120
singBibliography and knowledge of soUDC and its application to scien	ources 20 tific and technical
information 5. New techniques in reprography 6. Principles of editing scientific	
literatureLatest scientific and technical basic branches of national econo	achievements in my 12
 All the expert of the part of the long seed as a finite of the part of the pa	Total 280
Type of training	Course
	 University degree Adequate period of employment in information work Managers, engineers and scientific workers of centres of scientific and technical information Applications for the course are submitted through the interested organizations
Conditions of admission	Same as for Russian candidates and knowledge of Russian language
Duration of training	2 months
For what kind of work are the students being trained	Subject information specialists, information workers, scientific and technical librarians
Examinations Public rollings of the	
Degrees or other qualifications of granted inclinated the state of the	None accord was placed to read the succession of
Language of lectures	Russian
Tuition fees the land tenders for the	35 R.

MOSCOW

Moskovskij Poligrafičeskij Institut, Redaktorskij Fakul'tet (Moscow Institute for Graphic Arts, Editing Faculty) Sadovo - Spaskaja 6, Moscow

GRADUATE

Programme

During the studies, in addition to general subjects, the following subjects are lectured on:

- 1. Theory and practice of editing
- 2. Principles of technical and scientific information
- 3. Editing of scientific and technical information publications and literature
- 4. History of the Soviet Communist press
- 5. Principles of modern technology
- 6. Scientific and technical terminology and designation of physical and technical quantities
- 7. History of publishing

- 8. Editing of contemporary Russian
 9. History of journalism
 10. History of the foreign Communist press
- 11. Technology of the printing industry
- 12. Polygraphic and artistic book-design
- 13. Organization, economy and planning of publications

Type of training

Courses in information science included in the programme of training at the Editing Faculty.

Duration of training 51 years

For what kind of work are the Editors, librarians for all types students being trained of library, information workers

Examinations

Entrance, during the course and passifinal examination

Degrees or other qualifications granted

Diploma of editor of scientific and technical literature and information

1月11年1月日日

Language of lectures

Rüssian

Tuition fees (100 and 100 and

MOSCON; KHARKOV; LENINGRADOM (ELECTRIC COMPLETED SE

Instituty kul'tury (Institutes of Culture)

The library faculties of these institutes prepare qualified librarians and bibliographers for technical alibraries as resided of sected 2.12

GRADUATE

Programme	in in the relate of
During the course, in addition to general disciplines ing subjects are lectured on:	, the follow-
1. Economics and organization of production in industry 2. History of technology 7.	200 60

ika gul Mati .i

Loc

ora:

ं विदेश देशेश हैं।

3.	Library science 320
4.	Foreign language - first
	- second
5.	History of library science in USSR and abroad as a second 70.
6.	Bibliography (general course)
7.	Bibliography of social and economic literature 145
8.	History of technical books
9.	Scientific and technical information 100
10.	Technical methods in bibliographic and information
100	work (mechanization and automation of storing and

;	work (mechanization and auto	mation of storing and
	retrieval processes) Handling patent literature	a. in (1 dec.)

Type of training	Lectures in information science in-
	cluded into the library science
	programme
Duration of training	7. 7.4 years 1978 First Subject quantity 18. 1

	•	sa s		5 years extra-mura!	education:	. : :
or	what kind	of work are	the	Librarians and bibl	iographers for	•

For what kind	of work are the	Librarians	and biblic	graphers for
students bein	of work are the g trained	technical	libraries "	
Examinations	प्राम्कानम् वृत्ताति विदेशः	Entrance,	during the	course and

				2.1000	: tina	i st at e	examina	tio ns	100	Sec.
egrees	or	other	qualifi	cations						
ranted		5 p. 14	ware tell		bibli	iograph	er of te	chnical	libra	ries

-	granvea .	7.7		. Y 15 1	ororrographe	ST TOCI	ınıcaı	110	Г
Canguage of lectures Russian	Language	of l	ectures	i. ana a	Russian				•

Tuition fees	the lease [see Free	Ç.,	at Villian iynatii. Ta
in in the second second	parties for egold with the same applied have	rapi e	no nevigali

tail bear of with to the his hadown one

MOSCOW

the citage full core citage of Corporal

Vsesojuznyj Institut Naučnoj i Tehničeskoj Informacii - VINITI (All-Union Institute for Scientific and Technical Information), Baltijskaja ul. 14, Moscow A-219

Director: Prof. A.1. Mikhailov

SPECIAL

A. Course in mechanization and automation of information processes maken



Programme	hours
 Theory and organization of scient information Information retrieval systems and implementation Means of automation and mechanizaretrieval processes Reprography, microcopying, mechanization processes 	t methods of their 60 ation of information 60 nization of informa- 40
SPECIAL	retorijos — g. Total ereg <mark>. 200</mark> 1997 - Partie Partier († 1997)
B. Course on reference collections	•
Programme	hours
 Organization and use of reference Information retrieval systems and of information retrieval UDC and its application to scientinformation 	d mechanization
Type of training	Special courses and advantage of
Conditions of admission	 University degree adequate period of employment in information work managers, engineers and scientific workers of centres of scientific and technical information applications for the course are submitted through the interested organizations
Are foreign participants allowed	Yes world that work world
Conditions of admission Duration of training	Same as for Russian candidates and knowledge of Russian language Course A - 1½ months Course B - 1 month
For what kind of work are the students being trained	Subject information specialists, specialists in mechanization, information workers, scientific and technical librarians
Examinations Degrees or other qualifications granted	Final examinations of tibbs of the same of
Language of lectures	Russian reined gairing and to
Tuition fees	Course A - 25 R. Course B - 16 R.



VILNIUS

Vil'njusskij Gosudarstvennyj Universitet im. V. Kapsukasa, Fakul'tet Bibliotekovedenija i Bibliografii (Vilnius State University, Faculty of Library Science and Bibliography), Vilnius

GRADUATE

Programme

During the studies, in addition to general subjects, the following subjects are lectured on:

1. Higher mathematics.(incl. principles of linear programming)	210
2. Electronic digital computers and programming	130
3. Applied linguistics	110
4. Foreign language (first. second)	550 in the 1950 in
5. Economics of industry	120
6. Introduction to scientific information	140
7. History of books and library science	160
8. Library science	350
9. Information retrieval systems	, North 290 c. nogs/
10. Bibliography (general course)	100
10. Bibliography (general course) 11. Technical methods in information and library wo	rk) 120

Type of training

inclinamothic tables of the Duration of training

For what kind of work are the students being trained

will contact to servate the statical

Examinations Book as for Regation result to the each

Degrees or other qualifications granted

Language of lectures

Tuition fees hadranton tooloud

ADDITIONAL INFORMATION IN LOS LINES IN

Lectures in information science included in the library science and bibliography programme

Elements in hours

5 years

Librarians for all types of library and information workers

Entrance, during the course and final examinations and a first all

Diploma of qualified librarian and bibliographer where the maintains

Free करेंग केंद्र अवंशिक हैं। केंद्रेश कर्किक मण्डे a bediest a freship trackeds.

In addition to the courses mentioned here main information centres and republic institutes of information organize systematically courses and seminars on scientific and technical information. The subjects of the seminars and courses are worked out according to the activity field of the organizing bodies. Russiani Resident of lectures

> Course A - SS-160, i A of a Brazemon

Thirten fees

UNITED ARAB REPUBLIC

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

CAIRO

Section des Archives et de Bibliothéconomie de la Faculté des Lettres de l'Université de Caire (Archive and Library Science Section of the Faculty of Arts at the University of Cairo), Cairo

GRADUATE

Programme

- 1. Methods of work in library science
- 2. Bibliography
- 3. Documentation
- 4. Cataloguing
- 5. Classification

Duration of training

- 1. two years for Diplôme B.A. en bibliothéconomie
- 2. three years for Diplôme M.A. en bibliothéconomie
- 3. five years for Diplôme Ph.D. en bibliothéconomie

National Information and Documentation Centre (NIDOC),

Altahreer St., Dokki-Cairo

Course in documentation

Programme

- 1. Organization of documentation centres
- 2. International exchange of scientific data
- 3. Computers and their use in documentation
- 4. Classification theory and method
- 5. Bibliography
- 6. International co-operation in documentation
- 7. The technique of documentation work

Type of training

Conditions of admission

Training course

- 1. university education,
- 2. practice in information service,
- 3. knowledge of English or French apart from another language

Duration of training

For what kind of work are the students being trained

3-4 weeks

Personnel of information services of the United Arab Republic

206

Examinations None

Degrees or other qualifications None

granted

Tuition fees The courses are financed by the Government of the United Arab Re-

public and UNESCO

g iku kecili turuk Henji kumanin di

Company of the State San

i v symptem at accept

ara militari merekit osajirah baja sepert 🕏

Of a verification is been years to have a substitute of the control
Commence of the second state of the second and the second
tit de di katingian de di pangangan kanakan pangan Pan Tangangan kanakan sa di pangan kanakan pangan sagangangan di

esti brain, but hi takinka, mbakinka ilika katin ilika katin ka katin ka katin ka katin ka katin ka katin kati

anaran da

Little for the first that the

Services to realizable

Book of the printer of the printer than the

The was these Melecial such rich

- Breith Friday (The Lite)

Number of trainees 80 persons

กับ (กระสาร การ เมษาการ์สิค อุรกรษณฑราสาร กระกระที่

विभिन्न क्षाप्ति । प्रतिस्थान विभिन्न । १०

zildənső Pauk bülley börö

har sepan white in his distribution of the Chadalandian

ADDITIONAL INFORMATION

The training of specialists in automation processes of information and classification is also conducted in the United Arab Republic.

UNITED KINGDOM

Training of documentalists and information workers in the United Kingdom is closely connected with the training of librarians. Specialized training is provided by university schools of librarianship which have already awarded their first degrees in librarianship (M.A., M.Phil., Ph.D.) and by different library schools which are conducting training according to the Library Association's Syllabus leading to the professional examination of the L.A.

Some schools have adapted their curricula to lead to degrees awarded under the aegis of the Council for National Academic Awards.

Post-graduate diploma courses are available at University College London, Sheffield University, the University of Strathclyde (Glasgow) and Queen's University (Belfast).

Courses of one year's duration leading to the post-graduate professional examination held by the Library Association are also available from other full-time schools of librarianship. Two-year full-time courses are available at eleven schools of librarianship which prepare non-graduate students for the examination of the Library Association.

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

ABERDEEN -

Robert Gordon's Institute of Technology, School of Librarianship

Principal Lecturer in charge: J.Mc Connell Orr, F.L.A.

dal dilang ben siora, sian sipong penagasah salam n

Year of foundation of the School: 1968

POST--GRADUATE

Programme of training is based on the syllabus of examinations of the Library Association. Service and the both stagings (198

Programme

- oo lah iliyah ka marakitahair aas yoga catiidda
- A. Compulsory subjects
 1. The library in society

 - The library in society
 The management of libraries
 Classification and cataloguing
 Practical classification and cataloguing
- Tax 5. Subject bibliography times in variation and many interest time
- B. Optional subjects (two to be chosen)
 - 6. Historical bibliography
 - The social and technical history of the printed book

Sand in indian by an indian dearly

- -- 7. History of libraries
 - 8. Analytical and descriptive bibliography
- 9. Modern book production
- 10. Indexing, abstracting and information retrieval
 - 11. Bibliography and librarianship of children's literature 12. Library service for young people

```
14. Palaeography
     15. Hospital libraries
     16. Comparative librarianship
     17. Library services for science and technology
     18. Literature and librarianship of local history
   NON-GRADUATE
   Programme
  First year
  Compulsory papers
  1. The library and the community
  2. Government and control of libraries
  3. The organization of knowledge
  4. Bibliographical control and service
  Second year
  List A
      1. Academic and legal deposit libraries
      2. Special libraries and information bureaux
      3. Public (municipal and county) libraries
 List B
      1. Theory of classification of carbon described as a second
      2. Theory of cataloguing
      3. Practical classification and cataloguing
     5. History of libraries and librarianship
     6. Handling and dissemination of information
     7. Library service for young people in schools and public libraries
     8. Hospital libraries
    10. Palaeography and diplomatic
                                        · 电对象控制 医电影 医电影
List C
     Bibliography and librarianship of English, Welsh, French,
         Spanish, Italian, German, Indo-European, Greek and Latin
         language and literature
     Bibliography and librarianship of history, geography, philosophy,
         social sciences, economy, fine arts, science, technology,
    Bibliography and librarianship of particular countries and regions
                             Courses in librarianship and
Type of training
           lnformation science
Conditions of admission
                       - A University degree - for post-
graduate course
                                 - Two passes in the General Certific-
              ate of Education (Advanced level)
```

for non-graduate course

Yes

Are foreign participants allowed

Conditions of admission

General statement concerning library school which are conducting training according to the Library Association's Syllabus Overseas applicants will be considered on the merits of their individual school-leaving certificates, but in

any case those who would not be accepted by a university in their own country cannot be accepted for entry to the Library Association's professional examinations

Duration of training

For what kind of work are the

students being trained Examinations

Degrees and other qualifications Associateship of the Library Associ-

Language of lectures English

Tuition fees

- One-year course for graduates

- Two-year course for non-graduates

Librarians, and information officers for all types of library

- Post-graduate Professional Examin-
- Part I and Part II Examination of the Library Association

Contraction of the contraction

कारदर्भ के अन्य के लिए हैं।

£ 10 per session for U.K. students

delife in the parties of the second second in the horizon of the Control of the second second in the second second in the second
College of Librarianship, Wales, Aberystwyth, Cardiganshire

Principal: F.N. Hogg, D.P.A., F.L.A.

Year of foundation: 1964

TO THE POST-GRADUATE; GRADUATE and NON-GRADUATE STATE OF A STATE O

Sat I apried bested that the is

The following courses in librarianship are offered:

1. Post-graduate course leading to the post-graduate examination of the Library Association (programme of training see Aberdeen)

2. University degree course leading to a degree of Bachelor of Librarianship (University of Wales)

3. Two-year non-graduate course for the Associateship of the Library Association (programme of training see Aberdeen) विकास के के कार करने किया है। किया के किया के किया के किया किया के किया के किया के किया के किया के किया किया क Associateship of the Library Associ-

Type of training information science Courses in librarianship and

Conditions of admission

SQ Transpare most between present 12

1. Post-graduate course — a university degree and library experience are required

2. Joint first degree in Library Science (B.L.S.) of University of Wales Aberystwyth and the College

3. Course for non-graduates -General Certificate of Education qualifications with two subjects at Advanced level and appropriate library experience - if not an additional term devoted to practical work in a library is given

Are foreign participants allowed Conditions of admission

Yes

Overseas students may apply for places in the college providing they have the necessary educational qualifications and the financial backing of their Government or of another recognized body such as the British Council or UNESCO. They should write to the Library Association on matters of membership and eligibility to sit its examinations, or to the College in respect of the degree course

Duration of training

- 1. Post-graduate four term (ass the
- Degree course 3 years (nine terms consisting of two parts involving study of academic subject and librarianship)
 - Non-graduate two years (seven terms for entrants without library experience, six terms for students with library experience)

For what kind of work are the students being trained

Examinations

Librarians and information officers
for all types of library Assault (20)

 Post-graduate Examination of the University of Wales and the College

Degree examinations of the University of Wales and the College

3. Part I and Part II Examination of the Library Association

Associateship of the Library Association
Diploma L.S., B.L.S.

English

1. Post-graduate (four terms) £ 72

and the second of the second a fraction.

2. 3 year degree course £ 162

Degrees or other qualifications granted

จุทธาสไส เลยไปในประจำสา

ranka ana sukki ba khingas a sal

Remarks rolling to the

au issues esse

Language of lectures

Tuition fees



 Two-year course for students with library experience (six terms) - £ 108
 Two years and one term course for students without library experience - £ 126

Financial aid for trainees

College courses are recognized by Local Education Authorities for grant purposes. It is the responsibility of the student to apply for a grant; intending students are advised to make preliminary enquirles about their eligibility for a grant before the college interview

the trade of the supersystem.

easiders to esdour

or of part about

BELFAST

The Queens's University of Belfast, School of Library Studies, 2 College Gardens, Belfast BT9 6 BQ

Director: P. Havard-Williams, M.A., A.L.A., A.N.Z.L.A.

Year of foundation of the course: 1964

POST-GRADUATE

Course for university graduates

Programme

- 1. Organization and retrieval of information
- 2. Bibliography and reference work
- 3. Libraries in their social setting
- 4. Management of libraries
- 5. Bibliography of a subject area (Humanities, Social sciences, or Science and technology)
- 6. One optional subject
 - a) Palaeography and archive administration
 - b) Historical and analytical bibliography
 - c) History of libraries and librarianship
 - d) Library service for young people
 - e) Documentation, aids to research and information retrieval
 - f) Descriptive bibliography and indexing the assistant assistant and indexing the same of - g) Library buildings
 - h) Bibliography and librarianship of Irish history and literature

NON-GRADUATE Digl at besubertal ad Iliw congas and not serves as I course for non-graduates, noticel lises the evaluate course brooks Iliw

Programme of their store sense, select from the courses for the

degree of B.A., B.Sc. or B.Sc. (Econ.), and one further optional subject from 6 above

Type of training Conditions of admission Full-time course in librarianship

- a degree of a recognized university, or
- general entrance requirements of the Queen's University and the entrance requirements of the Faculty of Arts, or

an alternative standard of education acceptable to the Board of Library Studies

Are foreign participants allowed Duration of training

For what kind of work are the students being trained

Examinations

Degrees or other qualifications aranted

Language of lectures Tuition fees

Number of trainees

University graduates - one year Non-graduates - two years

Qualified librarians in all types of library.

Three hour paper or papers in each subject

Diploma in Library Studies Dipiomates are eligible, subject to membership and service requirements, for admission to the Register of Chartered Librarians, as Associates of the Library Association (A.L.A.)

English

Annual composite fee: £,42 Annual enrolment fee: £ 10 Matriculation fee: E. 2.

Financial aid for trainees Almost all students receive grants covering fees and maintenance, from local education authorities, or part or full salary from their employers

sals inclassion pod to

Flore reversit Procedo Ch

Siren Approximate annual output: 25 diplomates (b)

gallijes yakudīj (g Newscourse - Degree of Master of Library Studies (M.L.S.)

Plans for other types of courses in 1969-70:

The course for this degree will be introduced in 1970 or 1971 and will extend over one academic year, and the candidate, who must be a graduate or hold an equivalent qualification, will be assessed by written examination, course work and a dissertation.

Practical training in libraries, course work, visits to libraries, and study tours will form integral parts of the course.



The course will comprise the following subjects:

- The objectives and services of libraries
- Library materials and reference services
- Organization and retrieval of information
- Library operations and management and two of the following:
- Palaeography and archive administration
- History of the book
- Comparative librarianship
- Library services and materials for children
- Library buildings
- Automation of library processes
- Descriptive bibliography and indexing
- Indexing theory and mechanized information retrieval

e in the appropriate CAN COUNTY

Grangest Policy Protect Children

Suitably qualified candidates may undertake research in library studies for the degrees of M.A. and Ph. D.

BIRMINGHAM

School of Librarianship, City of Birmingham College of Commerce, Gosta Green, Birmingham 4

Director: R.M. Lock, F.L.A.

NON-GRADUATE

Programme

based on the syllabus of examinations of the Library Association (see Aberdeen)gy (4.15) on the foreign About the About the before the foreign the foreign the foreign that the foreign the foreign that the fo

Type of training

Course in librarianship and inforntilization squality of tion science

Conditions of admission Two passes in the General Certificate of Education (Advanced level) No requirement of pre-course practic-Applemental library work as well as a special and spec

(2) 医克雷克氏 电阻 化复元增加平衡的 软髓体的红色 电焊接

Conglette Energy (fra Haar Int Nat / D

Duration of training

students being trained

For what kind or work are the Librarians for all types of library Associated of Societies of

Examinations

Part I and Part II Examination of Withe Library Association

granted - Single

Degrees or other qualifications Associateship of the Library Association

LALLY , TOLYT LEW LEGO!

Language of lectures

English

Tuition fees

£ 61 per year your student to see

The following countries in the science grade are present. aldendrant outra a cherry particle and the training of the character to

BRIGHTON

Brighton College of Technology, School of Librarianship,

Moulsecoomb, Brighton 7, BN2 46

Principal: C. Bradley, M.A., F.L.A.

Date of foundation: 1947

NON-GRADUATE

Programme

based on the syllabus of examinations of the Library Association (see Aberdeen)

Tupe of training

Course in librarianship and information science

Conditions of admission

Two passes in General Certificate of Education (Advanced level) and at least one year of practical work in a library

Are foreign participants allowed Conditions of admission

Equivalent to British General Certificate of Education (Advanced level) and fluent English

Duration of training

Two years of the manager and a

For what kind of work are the students being trained

Librarians for all types of library

a danistika pataka katibilikan

estrates for objective

รมานใส่ เอาเมตเมน์

action and addition

Examinations

Part I and Part II Examination of the Library Association

Degrees or other qualifications

Associateship of the Library

granted

English

Association

Language of lectures Tuition fees

a see 550 for overseas students assessed

Financial aid for students will None for overseas students with the

Number of trainees .

to making takih it ining takih tahih

80

red het open Allensmet Et GLASGOW

University of Strathclyde, School of Arts and Social Studies, Livingstone Tower, Richmond Street, Glasgow C.1

Dean: W.E. Tyler, F.L.A.

Year of foundation: 1964

The following courses in librarianship are offered:

1. One-year course for the Post-graduate Diploma in Librarianship

o delight.

- Three-year course for the Degree of Bachelor of Arts in the School of Arts and Social Studies, with librarianship as the first principal subject
- 3. Two-year course for the Associateship of the Library Association

POST-GRADUATE

One-year course for the Post-graduate Diploma in Librarianship

Programme

- The management of libraries, including a special study of one of the following:
 - a) academic and national libraries
 - b) industrial and special libraries
 - c) public libraries
 - d) school and children's libraries
- 2. Classification
- 3. Cataloguing
- 4. Three classes from the following, including at least one from each of sections a) and b):
 - a) Bibliography, including a study of materials and research in a special field:
 - English literature, 1400-1800
 - English literature, 1750 to the present day
 - Literature for children
 - Geography 🐇 🚎
 - Mediaeval and modern history
 - Politics and law
 - History of science
 - Chemistry and chemical technology
- b) Historical bibliography
 - Analytical and descriptive bibliography
- Documentation and information retrieval, consisting of: the recording, organization and dissemination of specialized knowledge. The theory of indexing, storage and information retrieval in special libraries. Item indexing: classification, alphabetical subject headings, semantic factoring, relational
 - canalysis. Term indexing. The application of machine techniques. Coding. Strategies of search. The testing and evaluation of various indexing techniques. The practices of published indexing and abstracting services. The information service. Subject in-
 - Preparation for publication: technical writing, typography and investment of the publication of the procedure. Automation in reference work.
- Documentary reproduction; the methods and economics of producing and copying documents. Copyright problems

Type of training was been added a Post-graduate course in librarianship and information science

Conditions of admission University degree

Are foreign participants allowed

One year

examination

Librarianship

English

Conditions of admission

Duration of training

For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted

Language of lectures

Tuition fees

NON-GRADUATE

Two-year course for the Associateship of the Library Association

Programme

based on the syllabus of examinations of the Library Association (see Aberdeen)

Type of training

Conditions of admission

Course in librarianship and Information science

As for British students

for all types of library

Post-graduate Diploma in

During the course and final

Librarians and information officers

- a) Obtained a Scottish Certificate of Education in ... five subjects, three of which are at higher grade: one mustabe in English and one either a language or a science, or.
- b) Passed the General Certificate of id s. (Education) in five subjects, two of which must be at Advanced her thankege to both splant on this Level: one must be in English and one in either a language or a esta carrier science, or e-11.114
 - nion Grammar School Centificate

ans some that wee mination of the Library Association, or

cational certificate as the Council of the Library Association may accept as being of equivalent standard: শ্রেম্বর্ত ভবুর

on and and tests is inquired agent select Issaits to the control of the contro souplithing of desir to aptroptings and ev le ectreurave bre gritage par de rewith five passes, two of which on bear instructions to any them and the are at Advanced Level: one pass must be in English and one in . eatherfuld castistiment , collections to either a tlanguage or a science, praguration for publical condition and tring, typography and Passed the First Professional pallubong to whomene bus espatial edy Examination or the Entrance Exa-

-entil of earness stemming real e) Obtained such other general reduit ecno ou not common propertionary

porterior of telegrand i

Duration of training

For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted

Language of lectures

Tuition fees

Two years

Librarians and information officers for all types of library

Part I and Part II Examination of the Library Association

Associateship of the Library Association

English £ 50

LEEDS

Leeds College of Commerce, Department of Librarianship and Information Science,

28 Park Place, Leeds 1

Director: D.E. Davinson, D.P.A., F.L.A. (Acting)

Year of foundation: 1947

POST-GRADUATE, GRADUATE and NON-GRADUATE

Programmes

based on the syllabus of examinations of the Library Association (see Aberdeen)

Type of training

Course in librarianship and information science

Conditions of admission

Ágertai gera efictoration

- A university degree for postgraduate courses - Two passes in the General Certificate of Education (Advanced Level)

for non-graduate and under-graduate courses

Are foreign participants allowed Conditions of admission

tor moissista tiesti noitsiilyne su

Duration of training and the mentup

percent professions leading torang distribution is a large content of ever

a isangabung nga sanuan <mark>nasyasaw</mark> m -กลัก. ออริ ต่อวนออกตก ก-1 (ค. วงองาอห์) ก estabbate

Yes

Attendance at a personal interview. Basic admission requirements are those laid down by the Library Asso-ciation for its courses

1. One year for post-graduates

2. Three years for the B.A. (Librarianship) and B.Sc. (Information Science) courses

3. Two years for Library Association Final Part II course

Short courses for senior librarians enecitic nationality by an inside are also a feature. These normally grand | to cours in not last one week extract grand binebute

For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted

Tuition fees

Financial aid for trainees

Number of trainees

Librarians and information officers for all types of library.

Library Association Final Part |

Associateship of the Library Association, B.A. (Librarianship), B.Sc. (Information Science) Degrees are awarded by the Council for National Academic Awards

£ 75 / year (£ 250 / year for . 500 foreign students)

Arranged by students. No awards are given by the college

200-250 per year

LIVERPOOL

Liverpool College of Commerce, School of Librarianship,

Tithebarn Street, Liverpool 2

Director: W.H. Snape, Principal lecturer in charge

Year of foundation: 1962

POST-GRADUATE and NON-GRADUATE to send that the send to be used to be used

Programmes

based on the syllabus of examinations of the Library Association (see Aberdeen) and the second of the second

Type of training

Conditions of admission

Courses in librarianship and information science

- A university degree - course for graduates

Two passes in the General Certificate of Education (Advanced Level) - course for non-graduates

Are foreign participants allowed Conditions of admission

hardenda his a first tenned before the

geropolisticater tod crown and

- इस्ति हात्र का प्रकार है तथा जिल्ले हा तथा करें हैं है है कि की

and modify without the second of troud

nothermore it is at the interest to

อร์และ (อลิสต์ได้จ Duration of training bankop a timber takini

students being trained for all types of library

On application (Basic Admission requirements are those laid down by the Library Association for its general professional and post-graduate professional examinations)

- One-year course for graduates

- Two-year full-time course for nongraduates

For what kind of work are the Librarians and information officers

Examinations

- Post-graduate professional examinations of the Library Asso-
- Part I and Part II Examination of the Library Association

Degrees or other qualifications

Associateship of the Library Association

Language of lectures

English

Tuition fees

£ 66 per year Overseas students - £ 250

Financial aid for trainees

- Department of Education and Science bursaries
- Local Education Authority awards

Number of trainees

200

LONDON

University College London, School of Librarianship and Archives, Gower Street, London W.C. 1

Director: Prof. A. Brown

Year of foundation: 1919

Ashelwork this best team The educational and training programmes offered cover post-graduate diplomas, M.A., M.Phil. and Ph.D. degrees in librarianship, information studies and archive administration.

M.Phil. and Ph.D. in Librarianship and Archive Administration are awarded for approved work presented for examination in thesis form, supplemented by oral examination. For both degrees the minimum qualifications for admission are similar to those for the M.A. For the Ph.D. a high level of academic and professional maturity is expected. Admission is normally to the M.Phil. degree in the first place, with provi-sion for transfer to the Ph.D. in suitable cases. For full-time students the minimum course is two years for the M.Phil. and three years for the Ph.D. Part-time courses are likely to be twice the length in each case.

The following post-graduate diploma courses are offered:

A. General Diploma in Librarianship

B. Diploma in Scientific and Industrial Library and Information Work

C. Diploma for Teacher-Librarians

D. Diploma in Archive Administration (details are not published) aden on because sin to signify the

POST-GRADUATE A. General Diploma Course in Librarianship

Programme 109 002 00200000 411

1. History of alibraries: examination of course work

2. Elements of historical bibliography: one paper, including examination of course work

- Subject bibliography research sources in general and special fields: examination of course work
- 4. Cataloguing: one paper, and examination of course work
- 5. Classification: one paper, and examination of course work
- 6. Management studies in library and information work, including mathematics and statistical method: one paper, and examination of course work
- 7. The study of reading: examination of course work
- 8. Candidates must choose one of the following:
 - a) Palaeography and diplomatic of English archives: two papers
 - b) Bibliography of Asia and Africa: one paper, and examination of course work
 - c) The literature of pure and applied science; communication problems, information systems: one paper, and examination of course work and
 - d) Advanced historical bibliography: one paper, including course work; and either modern book production: one paper; or manuscript studies: one paper.

Type of training

Conditions of admission

Course in librarianship

A good first degree and the university's diploma in librarianship or an equivalent qualification, a year of practical experience in library work; a good reading knowledge of at least two modern languages

Are foreign participants allowed

Conditions of admission

Duration of training

i day dipangimbilanca i tawa s

moltoneend .d'

As for English students

One year for full-time students Part-time students are occasionally accepted for a course of two years

Librarians for all types of library the street and an appear manifesian part

For what kind of work are the students being trained

Chine of Jacobya Statice, and and

The examination will consist of (a) an essay or report (of not more than askaragita ansk askarana sekild25,000 words); (b);two written pa⊷ pers in the field selected by the and the resemble this vasible is candidate, (c) an oral examination heid at the discretion of the examiners of a misser of them.

The title of the essay or report must be submitted by the candidate for approval at least six months before the date of the examination. If the proposed subject is not approved the candidate may submit an alternative within one month of being no itselfess. go that on the regain and the conformed by the university of the

The two written papers must be in one of the following fields of study:

- a) Historical and social studies in librarianship
- b) Regional studies in bibliography and librarianship
- c) Comparative studies in librarianship
- d) Communication studies: information science, storage, retrieval and dissemination
- e) Historical and analytical bibliography
- f) Classification and cataloguing studies
- g) The study of reading
- h) Manuscript studies

M.A. in Librarianship

i) Management studies in library and information work

Degrees or other qualifications granted

aune como cómico elos inclueiros e

taindre policember of the a

Language of lectures

Tuition fees

Financial aid for trainees

Number of trainees

a till a tandesisken i kylet i

English £ 62

Government

POST-GRADUATE:

B. Diploma Course in Scientific and Industrial Library and Information - Brankling Millian of Made of the East Spall

Programme

- 1. The literature of pure and applied science: communication problems; information systems: one paper, and examination of course work. includes seminars and course work. Seminars are designed to enable students with different scientific interests to contribute to a common topic from their specialist view points. Course work includes the writing of a paper in pure or applied science, prepared as though for publication in a specified journal; this paper demands subject knowledge and a wide-ranging search in the recent literature. Candidates also write a critical review of a specified scientific information system
- 2. The history of modern library and information services: examination officourse work is noticed to be an error of the course work is not at a man of the course work is not at a few of the course work is not a few of the course Seminars and course work, with opportunities for specialization
- 3. Subject bibliography: research sources in general and special fields: examination of course work appears nonsagent acceptable to a due . . Lectures and extensive course work based on subject specialization

- 4. Surveys and use of scientific literature: examination of course work Seminars and course work based on subject specialization
- Classification: one paper, and examination of course work Lectures, seminars, and course work based on subject specialization
- Cataloguing: one paper, and examination of course work
 Mainly seminars and course work, with specialization by types of
 service
- 7. Modern printing methods: one paper
- 8. Management studies in library and information work: one paper Provides opportunities to specialize by types of service
- 9. An individual study in an approved topic

 The topic will normally be selected from subjects in course 1

Type of training and the years are to	Course in Librarianship and Information Work
Conditions of admission	A first degree in a recognized branch of science, and a practical experien- ce in library work
Are foreign participants allowed	Yes
Conditions of admission	As for English students
Duration of training	One year for full-time students; part-time students are accepted for a course of two yesrs
For what kind of work are the students being trained	Librarians of scientific and indus- trial libraries and information workers
Examinations	As for General Diploma Course - A.
Degrees or other qualifications granted	M.A. in Information Studies
Language of lectures was those on the	English sand in the set of sail.
Tuition fees and to make the	6 62 mil serie i migricine de l'immestrati Tres peraucis des dramatique della font
Financial aid for trainees	Government
Numbers of trainees	්රිම් 100 ් 1967 වනට එදිල්ලේ commod න හැදෑ සෑ පෙල්ලේ ගේන වුන්දැරුමු ලේව
	AL MIRY, INTERPORTATION COLORS (MINOR COLORS)
. Daret are the large over lend in a large ending	paetrebia o med aphilyppa toaldre
C. Diploma Course for Teacher Libra	Light that a straw case action of a
1. The history of librarianship, wi of libraries in the history of E course work	th special reference to the role of the special reference to the role of the special reference to the special reference t
2. Subject bibliography: research s fields: examination of course wo	ources In general and special seconds.



- 3. Cataloguing and classification: examination of course work
- 4. Library management studies: one paper
- 5. Reading and the use of books in education: two papers includes a) Principles of child development, with special reference to the place of reading in the mental growth of children and adolescents; linguistic and reading ability; remedial reading; and b) Critical study of children's literature and outstanding collections
- 6. Use of libraries as aids to teaching: one paper includes the role of the library in educational institutions, its relation to subject teaching in schools and colleges; the library needs of students and research workers; the flow of information in the education field
- 7. An individual study in an approved topic and account to describe the planning and preparation, with appropriate bibliographies and annotations of a an individual study in an approved topic at the student's own level; and b) material to be used in the presentation of a topic or part of a teaching syllabus for a specified group of pupils or students.

The language requirement is that candidates must have a good reading knowledge of at least one modern language in addition to English

Type of training	Course in Hibrarianship of curvated.
Conditions of admission	A first degree and several years of teaching experience including some experience of school libraries
Are foreign participants allowed	Yes are ten pun di una di Man di Alia
Conditions of admission ·	As for English students
Duration of training	One year
For what kind of work are the students being trained Examinations	Teacher-librarians As for General Diploma Course - A.
- Torran in Edit gai ganditertheren bereit	optploma water best here go to shakete (c. salas) set (c. salas) s
Tuition fees lower lower based	og 62: to the in the method that the
Financial aid for trainees	None 10-15 Name Avant harmon and taken
1 aleste de la constante de la 1 aleste la constante de la con	NOON at the second of the Noon

The City University, Information Science Section,

St. John Street, London E.C. 1

Course Organizer: J.E.L. Farradane, B.Sc., A.R.C.S., A.R.I.C., F.I.Inf.Sc.



Year of foundation of the courses: 1961 (evening classes - changed to day-release classes in 1969); 1963
Full-time course

The City University provides a full-time one-year course and a two-year part-time day-release (formerly evening) course in Information Science with a similar programme of training.

ethak hark

POST-GRADUATE

Ful!-time course

Programme

- 1. Information gathering
 - a) Sources of information: their characteristics; comparative and appropriate means of exploitation and appr
 - b) Published and unpublished sources: Individual sources and organizations; oral, visual, and non-documentary sources
 - c) British and foreign specialized sources: libraries, learned societies, trade organizations, research associations, national and international bodies
 - d) Methods of locating sources: making efficient use of them, in particular, for obtaining detailed information
- 2. Information storage and retrieval
 - a) Classification theory: hierarchic, scientific, by synthesis; logical principles and advanced research methods; principal classification systems at present in use
 - b) Information storage and retrieval: indexing; large-scale mechanical and electronic methods; information retrieval systems; computer-production of indexes and selective dissemination of information; problems of testing systems; statistical evaluation
 - c) Developments in linguistic and semantic analysis and logic for information storage and retrieval
- 3. Dissemination of information
 - a) Flow of information: theory of human communication and the problems in research and industry
 - b) Abstracting and the production of abstracts journals
 - c) Organization of the flow of information in research, industry, and government; role of international organizations in the dissemination of information; Haison and advisory services
 - d) Application of results of research and development
 - e) Ergonomics: its application to information work
- 4. Legal and commercial aspects of information work
 - a) Law: Patents, Trade Marks, Registered Design, and Copyright Law

warf andialog

- b) Standards: national, international and industrial standards; organizations dealing with standards
- 5. Administration and other aspects of information works assessed as a serious
 - a) Management of information departments: staffing problems and organizational relationships; economics of information services

b) Reproduction and presentation of information: copying and reproduction methods; methods of typography, printing and illustration in relation to problems of efficient communication

 c) Language studies: tuition in one foreign language to good technical reading standard; principles of translation and transliteration, and linguistic problems in information work

Academic and practical studies in Type of training information science

Conditions of admission Honours graduates in science or engineering, economics or social sciences (ordinary degrees accep-

table for the part-time course)

Are foreign participants allowed

As for U.K. students Conditions of admission

Duration of training Full-time 1-year M.Sc. course; Part-time 2-year day-release

Diploma course

For what kind of work are the

Information scientist and subject students being trained Information specialist and brackets

Examinations 4

During the course one test progress inizio 14 cieserro lleggi priesco e paper; Final examinations - 5 papers + re-

port + thesis

Degrees or other qualifications

er samen ista epik die egabene

granted

Full-time course - M.Sc. in Informa-

tion Science;

Part-time course - Diploma of the su estiglica i figure piglicalis

University

Language of lectures

Tuition fees

English

£ 123 - for British students

£ 293 - for overseas students

Financial aid for trainees

Number of trainees

Available only to British students

Full-time course - 20 students (12 In 1968-9) 2007 (multisample) in 166

Part-time course - 25 students in , BERGANNYO

each year

LONDON

North-Western Polytechnic, School of Librarianship, de 13 de 180 toale 207 Essex Road, London N. 1

Bakagas yajasi dibi dibali d

Head: E.P. Dudley, F.L.A.

There is builting

reclinatives for nucliations.

(neght side)

a September 1998 Back State

POST-GRADUATE

Programme

See University College London: A. General Diploma Course in Libra-

rianship, and B. Course in Scientific and Industrial Library and Information Work.

Students may choose either the A or the B syllabus. A science degree is essential for the B course.

Type of training

Course in librarianship and information science

Conditions of admission

A university degree and at least one year of practical work in a library. Students entering by direct application to the school from universities are required to undertake a preliminary term of practical work

Are foreign participants allowed Conditions of admission

See Graduate course of North-Western Polytechnic

Duration of training

For what kind of work are the students being trained

One year

Examinations

Degrees on other qualifications

Librarians and information officers for all types of library

Degrees or other qualifications granted

Post-graduate Professional Examination of the Library Association

granted

Academic Post-graduate Diploma in Librarianship of the University of London

to the whole sign from the same while

Language of lectures

English and the tracking and the

Tuition fees
Number of trainees

£ 45 per year

80

<u>London</u>

Ealing Technical College, School of Librarianship, St. Mary's Road, Ealing, London W. 5

Director: E.F. Browning

Year of foundation: 1954

POST-GRADUATE

Programme

based on the syllabus of examinations of the Library Association (see Aberdeen)

Type of training

Courses in librarianship and information science

Conditions of admission

partition of the property of the transport

- A university degree

- Previous practical experience is recommended, but not essential

Are foreign participants allowed

Conditions of admission

On application (Basic admission requirements are those laid down by the Library Association for its postgraduate professional examination)

One-year course for graduates

Librarians and information officers for all types of library

Post-graduate professional examination of the Library Association

Associateship of the Library Association

sjálálva Ap sigó

The literature of the control of the

ં કેલ્લામાં મુખ્યત્વે કેલ્લાનો અને અંકોપ્રસ્તિ અ

English

£ 45 per year On application

Examinations

Degrees or other qualifications granted

For what kind of work are the

Language of lectures

Duration of training

students being trained

Tuition fees

Financial aid for trainees

LONDON

North-Western Polytechnic, School of Librarianship,

207-225 Essex Road, London N. 1

Head, E.P. Dudley

Year of foundation: 1946

GRADUATE

Degree course

Programme

- 1. The "Universe of knowledge" and subject study
- Part I: the student considers knowledge as a whole, examining relevant disciplines such as epistemology, the growth of knowledge and the attempts made to form an integral view Part II: choice of one of several subjects for more detailed study;
 - subject bibliography and other aspects of the course can be closely related to the choice made:
 - Biology
- "by about of Chemistry to boay and
 - Children's literature
 - English local history
- Literary studies (English literature)
 - 4- Musicus stayed the water
- องเป็นโทยปรัชเจนใ 2. Social studies the same The intention here is to demonstrate the interaction between society and library services

Part I: offers a broad study of the major social institutions in Britain today and introduces certain concepts used in the social sciences

Part II: allows the student to examine in some detail the relationship between particular communities and the appropriate library services

3. Communications studies

Part I: begins by surveying the contributions made to the study of communication by such disciplines as semantics, philosophy, psychology, and information theory, assessing their relevance for librarians; this is followed by a course introducing the major systems of communication and control in society, with particular reference to those which have been

developed for recorded and documentary communication Part II: provides for further study of certain aspects of the above which are of special importance for the librarian, namely: library management, bibliographic organization, and indexing systems. In each of these there will be an element of specialization based on the student's subjects choice in p. 1 and his interest in a particular type of library

4. Complementary studies

Part I: includes courses in mathematics and logic, and the study of a foreign language with particular reference to the needs of libraries

Part II: choice from the following (one to be chosen):

- Studies in printed communications

- Literature and society

- Library history

is term est op open gjor Stormer gettig of met en egg.

in the first three transcripting against

tian abiyata daha ila namariya yerti.

- Descriptive bibliography and bibliographical cataloguing

- Palaeography and the use of original documents

- Personnel administration

Type of training

Conditions of admission

Are foreign participants allowed Duration of training

students being trained

Examinations

Course in librarianship and information science.

The minimum entry requirements are two General Certificate of Education (Advanced level) and three Ordinary level passes. General Certificate of Education subjects must include English language and either a foreign language or a science, desirably both

Yes (see details under "Other data") 1. 10 10 11 11 11 11 Four years 301150

For what kind of work are the Librarians and information officers for all types of library

Written examinations take place at the end of Partal (after four terms) and at the end of Part II (after mil annitarity of the feet ten terms) a Aufinal dissertation will be completed in the last two terms of the course

Degrees or other qualifications granted

Tareford and the disk.

and the virginian are asset to a

yerak i di ili siya ila sababbahan bi babba a

lin virtua garin lihat garapiski garan etah lihat serre

i turka mod 2019. groena kannaiseni sa

计设备数 经国际工作主题 化氯酸 经营资金 电电路电流

Large Constable to the cost of the

Language of lectures

Tuition fees Financial aid for trainees

Number of trainees Other data

B.A. (Honours) of the Council for National Academic Awards

Enalish

£ 45 per year (British students)

British students are supported by grants from local authorities or salaries from their libraries

27 A. R. W. W. W. D. B. J.

80

1. The School prepares overseas students for the qualifying examinations (both post-graduate and nongraduate) and also runs a special 🦠 one-year course for experienced overseas librarians which does not lead to a qualification. The qualification courses incorporate a period of preliminary study and practical work in British libraries; the duration of the graduate course is therefore five terms beginning in April; for non-graduates the course lasts three years and begins in January. Pre-entry qualifications are as for British students, overseas equivalents being accepted if they are approved by the Library Association (non-graduate course). Students without "Advanced" level G.C.E. passes, but with five "Ordinary" levels or the equivalent may enter for the Library Association examiis not taken to the group of the nations after successfully complete potagonesis year of study at library school.

Fees for overseas students are £ 250 a year; £ 150 a year or pro rata for periods of preliminary study. A deposit of £ 50 must be sent before the course begins.

All students must have worked in all library in their own country for mat least a year (non-graduates) or six months (graduates). They should be sponsored and financed by

an official body such as their Government or municipality or by an international agency such as UNESCO or the British Council. Private students are rarely admitted. In any event the application must be forwarded

through the Student Officer of the home country. Fluency in English must be perfect. 2. In addition to studies leading to the Library Association examinations, the School offers occasional short courses and symposia designed for experienced librarians.

maritina i Necesia de A

1,3455 1,534,53

NON -GRADUATE

Programme

based on the syllabus of examinations of the Library Association (see Aberdeen) a lambi waxa and (allowerse

the miles of the following frage

Conditions of admission

savo itualist perior traditacinas.

slitha al gataligoù dand evit prom

Are foreign participants allowed Yes Conditions of admission

Duration of training Two years

For what kind of work are the

Degrees or other qualifications Associateship of the Library granted Association

Language of lectures English Tuition fees £ 45 per year

Number of trainees the standard 11/240

Type of training the section of the Course in librarianship and information science

Two passes in the General Certificate Conditions of admission

Two passes in the General Certification of Education at Advanced level

At least one year of practical work in a library Students without satisfactory practicwho we in the state of the state of all experience of library work are required to undertake a preliminary term at the beginning of the course

See Graduate course ("Other data")

Librarians and information officers students being trained for all types of library

Examinations Part I and Part II Examination of The Value as Tree year place of the Library Association

(Sofewhere men' heav of the LONDON

Vertil die oakengt entrem wie Ealing Technical College, School of Librarianship,

St. Mary's Road, Ealing, London W.5. Director: E.F. Browning (2001) the British Council, Friesty students there who of Rood Table Vietes wis babasanut ed teum haitsuffaas ent

NON-GRADUATE

Programme

based on the syllabus of examinations of the Library Association (see Aberdeen)

Type of training

Courses in librarianship and inform-

ation science

Conditions of admission

Two passes in the General Certificate of Education (Advanced level)

Duration of training

Two years was deserted factors

For what kind of work are the students being trained

Librarians and information officers for all types of library

เสอจะเจ้าสามาริสต์ เลสส์ข้องเว

Examinations

Part I and Part II Examination of

the Library Association

Language of lectures

English

Tuition fees

£ 45: per year way make we baselews

LOUGHBOROUGH

Loughborough Technical College, School of Librarianship,

Radmoor, Loughborough, Leicestershire

Director: R. Stokes, M.A., D.L.C., F.L.A.

Year of foundation: 1946

POST-GRADUATE, GRADUATE and NON-GRADUATE

Programmes

based on the syllabus of examinations of the Library Association (see Aberdeen), but a university degree is also offered.

Type of training

Courses in librarianship and information science

Conditions of admission

1. A university degree - for post-graduate courses

2. General Certificate of Education (Advanced level) for 4-year course leading to B.A. ose) act to be a visible of a control of B.Sc. of Loughborough University of Technology and add

3. Two passes at General Certificate of Education (Advanced level) - for nongraduate courses

interesting and permutati . post-graduata dourse

the widerelastic at seems?

Previous library experience status required for post-graduate and non-graduate courses

Are foreign participants allowed Conditions of admission Duration of training

Yes

Similar conditions as above

- 1. One-year course for postgraduates
- 2. Four-year course leading to B.A. or B. Sc. of Loughborough University of Technology
- 3. Two-year course for nongraduates

For what kind of work are the students being trained

Librarians and information officers for all types of library

Examinations

Part I and Part II Examinations of the Library Association Post-graduate and non-graduate examinations same again

Degrees or other qualifications granted

Master's and Bachelor's degrees of the University Associateship of the Library

Association

Language of lectures

English

Tuition fees

£ 69 per year (British students). £260 per year (foreign students)

in out of the Environity of the californity

SPEEK STORMER OF LOOKEN

no halbers by degree

Number of trainees

250

MANCHESTER

Manchester College of Commerce, Department of Librarianship,

Aytoun Street, Manchester M1 3GH

Head: J.L. Ingham, F.L.A.

Year of foundation of the courses: 1964

POST-GRADUATE, GRADUATE and NON-GRADUATE tiot (level temperature doth

residency who being

ាននឹងកំពង់ ១០០៥នៃនិកសក្សែកូត និង

Programmes and back the same posses

based on the syllabus of examinations of the Library Association (see Aberdeen)

Type of training

Courses in librarianship and information science

Conditions of admission 1. A university degree - for bas easibaki febra 200 yen jena

post-graduate course

Are foreign participants allowed

At the all the site.

Duration of training

For what kind of work are the students being trained

Examinations

not enjoy it did air to man (cited to (external) Three-year degree course - June:

entimodeligne bas someros propertires

Sudu Boyand (1907) And Guerry (

and thin type since bus esimilar so Degrees or other qualifications granted

Language of lectures

Collegiance charles i see to do a students as tampie to contem

2. General Certificate of Education (Advanced level) for 3-year course leading to B.A. in library studies

3. Two passes of General Certificate of Education (Advanced level) - for non-graduate courses

Conditions of admission All foreign students must be sponsored by an official body the or chief librarian in the country concerned, and have completed at least one year's experience in an approved library before the course begins

- Post-graduate course three terms (12 months) commencing in January of each year:
- Three-year first degree course (Council for National Academic Awards)
 - Two-year course for non-graduates

Librarians and information officers for all types of library

- Post-graduate course mid-session examination (internal) in June and the Library Association Postgraduate Examination in December
 - internal examination
- ad the second of the Two-year course mid-session examination (internal) in Summer of each year; Library Association Part I (intermediate) Examination and the Part II of second year (final) Examination, December

All courses can lead to the Associateship of the Library The fall but to vertex s : (1) years Association, but the three-year) . course also leads to B.A. in library studies was the transfer

English

proventi bas

Number of trainees

16

Two-year course 1966/67 - 60

students

Other data

Department of Librarianship organizes also short courses for senior personnel. The College of Commerce has been designated as a future Polytechnic, and its title will be thus changed in due course. Degree in Information Science may commence either Autumn 1969 or 1970.

Committee of the control of the cont

โดยที่บางสามารถที่ สาร์สามารถ สาร์สามารถสามารถสา

🖹 เทลาเมริสาร์ โดย และไม่เกาสกรี

NEWCASTLE

Newcastle-upon-Tyne Polytechnic, Department of Librarianship, Education Precinct, Newcastle-upon-Tyne NEI 8SP

Head of Department of Librarianship: W. Caldwell, F.L.A. Director of Studies in Information Science: T.D. Wilson, F.L.A. Year of foundation of the B.Sc. in Information Science: 1968

GRADUATE

Programme

First year

1. Introduction to information sciences

Organization of knowledge (1): intended to lead to an understanding of what is meant by "the field of knowledge", of the methods and problems of scientific investigation, and of the bibliographical problems created by the growth and diversification of recorded knowledge

 Social factors and documentation: a consideration of the psychological and sociological background to an individual, or groups of individuals, seeking or producing information

4. Mathematics (I): to provide a mathematical background suitable for information science and to assist with pure science and engineering studies.

5. Basic science (1): to acquaint students with the fundamental vocabulary, concepts, methodology, techniques and some applications of physical and chemical sciences

6. Foreign language a state to lock &

7. Development of science and technology (1): a survey of the historical development of science and technology with due attention to social and economic changes and

fitted Lond

Second year

 Organization of knowledge (II): with special reference to practical methods of information handling through classification, cataloguing, and indexing

- Bibliography of, and information problems in, science and technology:
 a) sources of bibliographic information and general data in science and technology
 - b) identification of some problems in information work
- 3. Report writing and editing
- 4. Mathematics (11)
- 5. Basic science (II)
- 6. Development of science and technology (11)
- 7. Short courses: graphics, and research methods in information science

Third year

A practical year spent in libraries and information centres

Fourth year

- Information storage and retrieval: a theoretical and practical study of modern methods of organizing information for retrieval, including the application of computers
- 2. Bibliography of, and information problems in, main academic subjects
- 3. Data processing: to introduce the student to the basic principles of systems analysis and to the possibilities of electronic date processing machines in library and information department operations
- 4. Management and its applications in information centres: to provide a framework of management theory illustrated by reference to libraries and information centres, and by comparison with formal organizations of all kinds
- 5. Physical or engineering sciences: with students opting for either advanced physical sciences, or engineering sciences
- Project: to enable the student to disply his ability to pursue a subject in depth, drawing, where possible, upon different areas of study from within the course

Tupe of training

Academic study in information science

Conditions of admission

General Certificate of Education
(or equivalent) with two subjects
at Advanced level and three at
Ordinary level. Mathematics and
physics or chemistry, or physics
with chemistry at Ordinary level,
and a language other than English
must be included. The Advanced
level requirements are, at present, being held open but, obviously, candidates must have an
interest in science and technology and willingness to pursue
such subject to a higher level.

Are foreign participants allowed Conditions of admission

Yes

Equivalent educational qualificat-

any maranaka Lamba 3 fi

Duration of training

For what kind of work are the students being trained

Four years

Information scientists, subject information specialists, specialists for particular parts of information processes, scientific and technical librarians

Examinations

Written examinations in first and second year of studies and final written examination in fourth

Degrees or other qualifications granted

Language of lectures Tuition fees

Number of trainees

Financial aid for trainees

B.Sc. in Information Science

English

£ 45 per academic year

1968 - 9 students

The course is approved for the award of educational grants by local education authorities in the U.K. There are no college scholarships for foreign students, who must provide their own finance

Other data

The College also provides the normal range of non-graduate and post-graduate courses in librarianship based upon the syllabus of the Library արտ ըրթույցում և ույրահատ ույրերի են Association

and a shall be supplied by all

SHEFFIELD

University of Sheffield, Post-graduate School of Librarianship and Information Science,

Western Bank, Sheffield S10 2TN

Director: Prof. W.L. Saunders, M.A., F.L.A.

Year of foundation of the course: 1964

POST-GRADUATEY TO A STRABBOT LIBERT FOR SE भवेक पुर्वत्र व मन्त्रपूर्व (मीडव दृष्य किसी) किस्पर्व

Programme: there extend below a white iv

- 1. Generation and use of information
 - a) general
 - b) scientific and technological communities सहित्री केल हे देखार इन्हरू है है के इन्हरू सामित्री है जिसे
- 2. Information resources
 - a) general:
 - general reference



- humanities
- social sciences
- b) science and technology
- 3. Communication of information
 - a) organization for use:
 - basic cataloguing - basic classification
 - advanced classification
 - reprography

 - computer basics computer programming computer applications
 - b) systems and services:
 - introductory survey; card-to-computer mechnanization
 - basic statistics
 - advanced statistics
 - organization and method studies
 - operational studies
 - systems analysis and design

Type of training

Conditions of admission

Post-graduate study in librarianship and information science

A candidate for entry to the course of study for the M.Sc. in Information Studies must:

- a) be a graduate of a university of the United Kingdom, or hold an equivalent qualification of some other institution or body recognized by the Senate for this purpose. Priority is given to graduates in science, technology, engineering or similar, such as mathematics or statistics
- b) satisfy the Director of the Postgraduate School of Librarianship and Information Science that he has an adequate reading knowledge of two languages in addition to English; and
- c) normally have had approved practical experience in a library or information service A candidate whose qualification is of lower standard than second class honours must satisfy the Board of the Post-graduate School of Librarianship and Information Science as to his general and special qualifications

Are foreign participants allowed

seatt including site in the collision

julia jermani i bekilin

MERCH THOMAS LONG OF THE SHOWS

e det policija bibo estalje s dela 10 griting 1 met

ere tid kultur i ili kanala resia labah ketil sa

Conditions of admission

Duration of training

For what kind of work are the students being trained

Examinations

Degrees or other qualifications aranted

Language of lectures

Tuition fees

Financial aid for trainees

Number of trainees

Cyde (A Lifebal)

Other data

As for U.K. students

One calendar year, full-time

Graduates of the Course are trained to occupy posts in science information units and libraries in industrial, academic and government establishments involving all types of work in the operation of such units and in science information design, development, applied and background research work

Written final examination in:

- 1. Generation and use of information
- 2. Information resources
- 3. The communication of information
- M. Sc. in Information Studies

English

U.K. students £ 72; Overseas students £ 250

U.K. students: Science Research
Council Advanced Course
Studentships are normally
available to all students of
the University of Sheffield
M.Sc. in Information Studies
course, subject to high
academic achievement in their
first degree. Bursaries may be
awarded to other students by
the Department of Education
and Science

Overseas students: a number of studentships and scholarships are available to overseas students, and details may be obtained from the nearest British Council offices, the Cultural Attaché at the British Embassy, or the British Council, 65 Davies Street, London, W.1.

About 15-20 (plus about 20-25 studying for the M.A. in Librarianship)

Short highly specialized advanced courses are run from time to time (usually in summer).

For fuller details of the M.Sc. course see Aslib Proc., vol. 21, no. 1, Jan., 1969, pp. 24-31. The University also offers M.A. in Librarianship.

ADDITIONAL INFORMATION

LONDON

Short courses lasting several days on various problems associated with information work are organized by ASLIB, schools of librarianship, various colleges, and professional associations.

The aim of the courses is to familiarize persons without adequate experience in information work, with the principles of information and procedure of work in the information services and different types of library.

The chief objective of the courses is to increase work output and underline the role and importance of the information centre within individual institutions.

These are examples of the wide variety of courses offered:

- Mechanization of information processes
- Information retrieval
- Classification
- Co-ordinate indexing
- Cataloguing
- Library techniques Special librarianship
- Patents
- Dissemination of information
- Systems analysis
- Scientific literature
- Sources of technical information
- Information on a shoe-string
- Work with maps
- Standardization for documentation
- Gramophone record collections
- Report writing and preparation
- Personnel management for librarians
- Abstracting and preparation of abstracting publication
- Business information
- Information for management

Copies of a publication listing such short courses are available on request from the Office for Scientific and Technical Information, Elizabeth House, 39 York Road, London S.E.1.

LONDON

Assistant's certificate

The City and Guilds of London Institute awards Library Assistant's Certificates to students who pass the examination following a one-year

course offered by the colleges listed below:

- 1. Aberystwyth College of Further Education
- 2. Aylesbury College of Further Education
- 3. Mander College, Bedford
- 4. Bradford Technical College
- Bridgewater Technical College
 Heriot-Watt University, Edinburgh
- 7. Telford College of Further Education, Edinburgh
- 8. Ewell Technical College
- 9. Central College of Commerce and Distribution, Glasgow E.1
- 10. Lincoln College of Technology, Lincoln
- 11. West London College
- 12. West Ham College of Further Education, London E.15
- 13. St. John's College of Further Education, Manchester
- 14. Motherwell Technical College, Motherwell
- 15. Newcastle-upon-Tyne College of Further Education
- 16. City College, Norwick
- 17. Oxford College of Further Education
- 18. Highbury Technical College, Portsmouth
- 19. Slough College of Technology
- 20. St. Albans College of Further Education
- 21. Stoke-on-Trent College of Building and Commerce
- 22. Trowbridge West Wilts College of Further Education

independence at the state of the fermal Michigan

- 23. Wallasey Libraries, Wallasey
 24. Walsall Staffordshire Technical College

UNITED STATES OF AMERICA

The term "documentation" as used in Europe has been supplanted in the United States by the term "information science", a broad term which is considered to better describe the great diversity of the field. The information sciences curricula are derived from many programmes, including library science, linguistics, systems engineering, business administration, information control, business data processing, editing and writing, archives management, communications and graphic arts.

As implied by the previous statement, the field of information science in the United States could be defined as that field of academic study and professional practice concerned with the nature, handling and function of information and with all aspects of its generation, control and use in society. Accordingly, many different curricula and course offerings have appeared in the various academic programmes.

A large number of schools in the United States offer work in the field of information science from differing points of view. For example, there are approximately 350 library schools offering library science courses; 41 of these programmes are accredited by the American Library Association. Of these, many are offering major or specific concentration in the information sciences on a degree granting basis, but all offer one or more courses in information science. Only those graduate library schools who have a major degree in information science or a heavy concentration of courses in the field are included in this survey.

Programmes are developing in departments or schools of Business administration, Public administration, Psychology, Engineering and the Computer sciences. Again, only those graduate programmes which provide the option to specialize in the area of information science are incluretries to receip of short behalfs belied to

The degree of detail in the description of the various programmes differs, depending on the amount of information that was made available. For further course descriptions, etc., inquiry should be made were directly to the school. directly to the school. at Arrest affect and respect

UNIVERSITIES: WITH PROGRAMMES IN INFORMATION SCIENCES IN INFORMATION SCIENCES

- Vitte Martin Version person in the plante

s appears with this transmission ATLANTA; Gas lybers to west toward pastes to any Georgia: Institute: of: Technology, School of Information Science, 2007 100 Atlanta, Georgia 30332 a contesta de l'assesse de la vista des noi sambles

Director: Dr. V. Slamecka

from a lower that has based commenced t

Year of foundation of the School: 1963 B. HERT FOR THE WINDOWS FOR THE THE SHE FAIR TO HER THE BOOK TO HER TO BE THE PROPERTY TO BE A SERVICE SHE

POST-GRADUATE

The School of Information Science of the Georgia Institute of Technology was established in 1963, with the support of the National Science Foundation, as a graduate degree granting department of instruction and research. The school offers M.S. and Ph.D. degrees; its academic programmes endeavor to prepare students for advanced study and research in information science and for careers in information engineering.

Option 1 is concerned primarily with the theory of information processes and processors. The programme of study emphasizes semiotics, with broad foundations in several disciplines, including mathematics, logic, the study of language, the theory of systems, as well as areas in biological and behavioral sciences. Students are expected to proceed toward the doctorate and academic or research careers.

Option !! has as its objective the professional education of engineers in the application of information processing devices and techniques in such processes as learning, problem solving and decision making, and in the design and operation of advanced information systems and networks (e.g. corporate, medical, library, educational, etc. information systems).

Option III is concerned with the professional education of computer systems engineers, and focuses on the design and study of advanced computing systems and utilities. The systems engineering approach and functional optimization of the design of computer systems and their components such as programming systems, languages etc. are emphasized.

With the partial support of a \$ 450,000 grant by the National Science Foundation, the School of Information Science has established an informal, interdisciplinary centre for research in information science and engineering. The programmes of the research center are broadly consonant with the definitions of the areas of information science and engineering reflected in the curricula of the Georgia Institute of Technology, so as to complement the education in information. science and related disciplines and to provide a pool of research opportunities at the graduate level.

To fulfill the requirements for the Master's degree, students must successfully complete at least 50 quarter hours. Approximately one-third of the 50 quarter hours is elective, either as course work or thesis; however, only students with a substantial background in information science will be encouraged to present a thesis as part of the M.S. degree

Students wishing to pursue the Ph.D. degree may, with the permission

of the School, by-pass the M.S. degree.

The doctoral programme is built on the substance of the Master's: curricula which comprise, at present, one theory-oriented and two engineering directions of study. The former is concerned with the theory of the abstract information process and, more broadly, with metascience; the engineering directions of study are concerned with the design of a figure of the concerned with the design of a figure of the concerned with the design of a figure of the concerned with the design of a figure of the concerned with the design of a figure of the concerned with the design of the concerned with the information and computer systems. The areas of specialization at the Ph.D. level thus include such theoretical areas as information representation, measure and structure; mathematical logic, theory and design of language, and theory of the information process in natural systems and automata; and numerous aspects of information and computer systems engineering.

Programme

- 1. Digital computer organization and programming
 - 2. Automatic, data processing that here is a second and the second
- 3. Computer and programming systems
 - 4. Introduction to information engineering



```
Languages for science and technology
 6. Topics in linguistics
 7. Problem solving
 8. The literature of science and engineering
 9. Mathematical techniques for information science
10. Elements of information theory
11. Information systems
12. Logistic systems
13. Logic design and switching theory
14. Non-numeric information processing
15. Computer systems
16. Communication and control of information
17. Syntax of natural languages
18. Mathematical linguistics
 19. Information representation and structures
 20. Graph theory
 21. Information control methods
 22. Theory of classification and indexing
 23. Cybernetics
 24. Theory of models
 25. Equipment of information systems
 26. Information systems design
 27. Problems in systems design
 28. Advanced semiotics
 29. Advanced logic
 30. Philosophy of mind-
 31. Advanced computer organization
 32. Computer techniques for information storage and retrieval
 33. Design of computer operating systems
 34. Computer language design
 35. Organization and management of information industry
 36. Philosophy of language
 37. Theory of automata
 38. Information systems optimization
 39. Syntax-directed compilation
 40. Special problems in information science
 Conditions of admission

B.S. degree; mathematics background in calculus. differential equations
      in calculus, differential equations,
                                  introductory modern algebra, proba-
     termospac es live de sebit
  bility theory and statistics, com-
     well , great well - compact programming by the same and and the
 Are foreign participants allowed Yes
 Conditions of admission
                                As above; adequate knowledge of
 postablished best thoughton, party generalish oct merchant received in the
 Duration of training 5 academic M.S. programme: average 5 academic
  egrees or other qualifications M.S., Ph.D.
 Degrees or other qualifications
        ng Programme a street and
 Tuition fees
                                 $ 1065 per academic year for out-
                                   of-state students
```

Financial aid for trainees

Qualified students admitted to full graduate status of the Master's programme are eligible for a graduate teaching or research assistantship. Incumbents are expected to instruct sections of certain courses or participate in the research programme of the School of Information Science; their assignment is at the discretion of the School. Graduate assistantships are considered a form of employment by the Institute, and performance is evaluated accordingly. A graduate teaching or research assistantship at the M.S. level currently pays \$ 233 per month on a one-third time basis, in return for 13 work per week, and it carries on out-of-state tuition waiver. Students holding such an assistantship may carry a full academic load of 12 hours per quarter. Qualified students in the doctoral programme may apply for research associateships, available at the rate of \$ 11,000 (full-time, 12 months equivalent salary).

BETHLEHEM, Pa.

<u>Lehigh University, Graduate Studies and Research in the Information Sciences</u>,

Bethlehem, Pennsylvania 18015

POST-GRADUATE

The Division of the Information Sciences, within the Department of Philosophy, offers a M.S. programme in the Information Sciences, designed to fulfill several objectives. First, it provides a broad base of both theory and application for those who will be concerned with the design, operation and management of information retrieval systems. As such it may be considered a terminal degree. Secondly, the programme offers a foundation for the growth and development of individual research interest and further graduate study. The Department of Philosophy offers a doctoral programme in the foundations of the information sciences. Related doctoral programmes, for qualified candidates, also exist in the Departments of Psychology and Industrial Engineering.

There are 3 options within the programme: Foundations of information science, interface and behavioral problems, and Systems. There is considerable overlap between the three options, since there is a common kernel of theory. Each option thus represents a different application of theory, or a different kind of specialization. The Foundations

option is fully developed and serves approximately 20 Ph.D. candidates.

The Interface and behavioral option is now under intensive development and involves Prof. Rubenstein and faculty from the departments of psychology, social relations and industrial engineering.

The Systems option is also under initial development. The necessary courses and expertise are already available in several departments. and the option is now being formalized with the co-operation of the departments of industrial engineering and electrical engineering.

The Division is closely linked to the Centre for the Information Sciences through which a broad range of research is conducted. Current research is conducted in such areas as computational linguistics. document retrieval theory relevance, methodology of evaluation of retrieval systems, the man-system interface in libraries, linguistic style variation, automatic indexing, experimental system design, and library systems analysis. This research is done in collaboration with interested departments across the campus.

Programme

- 1. Computers and language
- 2. Descriptive linguistics
- 3. Psycholinguistics and the day of the control of
- 4. Theory of formal grammars and the state of the state o
- 5. Information retrieval theory decided a final and the second se
- 6. Seminar in psycholinguistics is the about the contract of the second of the contract of the
- 7. Seminardin semantic analysis and the contract the semantic
- 8. Special topics inclinguistics and a second of the secon
- 11. Mechanized subject document retrieval
- 12. Retrieval system evaluation
- 13. Retrieval languages
- 14. Mathematical models in linguistics
- 15. Retrievalistructures 10 by Full House September 1965 of
- 16. Special topics in the information sciences

nditions of admission The curriculum is base Conditions of admission

-31166 es to be case by the est of tration consists of ataleast 123

The curriculum is based on a B.S. tale distribution of the protestational degree in an lengtheening or sciento some latinoga morp agest acceptific discipline. Desirable prepations along the release distributes of mathematics; lincluding one course beyond the calculus. In recognition of the flexibility and cross-discipline nature of the sub-Ject. exception to this requirement steet of double receive out go to be granted to those students with training in a systematic essure en unitses terrores by science. A course in computer proachairs noite richer to act to gramming or programming experience is required. Mathematics, computer probesiven other persocations and occuparamming, is available, without graduate credit, for those without this background

Degrees or other qualifications granted

M.S.

Financial aid for trainees

A limited number of fellowships and research assistantships are available; these will be awarded on a competitive basis

BLOOMINGTON, Ind.

Indiana University, Graduate Library School, University Library Building, Bloomington, Indiana 47401

Dean: B.M. Fry

Year of foundation of the courses: 1966

POST-GRADUATE

- The purpose of the Graduate Library School is three-fold:

 1. To educate the librarian to assume a responsible, professional role by providing him with a) an understanding of the library and information centre in society; b) an appreciation of their role in the history of the communication of recorded ideas; c) a knowledge of the principles and practices of library and information centre organization and administration; d) familiarity with the bibliography, and literature of the humanities, natural sciences and social sciences; e) the ability to evaluate, interpret, and stimulate use of all types of material, print and non-print; and f) a basic competence in the application of research methods.
- To provide means for the continuing education of practising librarians and information scientists in a time of rapidly changing disciplines.
- 3. To provide for the advanced education of library administrators, research personnel, and library and information science teachers by means of a programme leading to the Ph.D. degree. The doctoral programme in librarianship and information science offers an opportunity to acquire a) a broader understanding of librarianship and information science; b) thorough knowledge of a special area of the profession and further study in an allied area; and c) an ability to analyse problems and conduct research concerning them.

The Curriculum Committee of the Graduate Library School has been working for the past two years (since becoming a separate professional school) to re-evaluate the course structure in light of new graduate demands and a body of knowledge and expertise which is rapidly changing. It began this re-evaluation by determining the aspects which it feels every library school student must have. From these aspects a basic core of courses was drawn up. The nature of several continuing courses was altered to reflect an infusion of elements of information science into traditional librarianship. A new approach, new emphasis, new techniques and new ideas in instruction were incorporated into revised courses.

In addition, an expanded curriculum for the information sciences, beginning 1968-9, was developed including six new courses. The curriculum for the information sciences outlined has several objectives in mind: there is the immediate need for an integrated programme that will allow the M.L.S. student to get some fundamental work and some advanced work in information science; it will also provide the Ph.D. student with an interest in majoring in information science with opportunity to branch out in the higher level courses and then concentrate in considerable depth at the doctoral level. It also includes the appropriate framework for an outside minor candidate in another discipline. It is also closely tied to the more traditional library science courses to allow for the eventual development of a Masters in Information Science without causing a complete disruption of the programme.

In essence, the Graduate Library School is trying to abstract from traditional library course content that which is intellectually visible and to retain it, but to eliminate all that is descriptive, routine and pedestrian. To that which remains of traditional library ingredients, we have grafted on or added courses in theory and principles of information science and engineering.

Programme

- 1. Introduction to information science
- 2. Mechanization of library technical processes
- 3. Computer applications in information systems
- 4. Information storage and retrieval methods and techniques
- 5. Systems analysis and design
- Information systems administration

without the sound that a potential world -

्रवाहरू के का प्रारम्भ करता है। का कार्य है जिल्हा

appear with many with most from the main that

with other park members, and is

- 7. Advanced theory of information science
- 8. Independent study in information systems

Conditions of admission , इन्तुर हिंदूर रहे हुई , क्लेर विदेश की रहा कहा है।

All prospective graduate students, including graduates of Indiana University must make formal application by July 15, December 15, or April 15, before matriculation. International students must apply by February 1. Application forms, available in the Office of the Graduate Library School, must be accompanied by one transcript of all college and university work. Indiana University by one transcript of all college and eciteD .ndfrought to gesterit nonlessed graduates should request the Registhe appending to append the vertical transfer to send unofficial regre visited structures to the copies of their transcripts to the Construction of the Graduate Library School. A fee of \$ 10 is required for all new applicants to the Univerviews and the ered sity (not required from persons who have previously attended University

as regularly admitted students). In

addition the student must meet the following requirements:

 Evidence of ability to pursue graduate work in library science:

a) a cumulative average of 3.0
 (4.0 equals A) in the total undergraduate program, or

 b) a cumulative average of 3.0 in the latest 60 semester hours of undergraduate work, or in the latest 60 semester hours of combined undergraduate and graduate work.

An applicant who fails to meet either requirement a) or b) above but has achieved high scores on the Aptitude Test of the Graduate Record Examination may submit these scores in support of the application.

2. In addition to a good scholarship record, undergraduate preparation must include three years of general education distributed among the social sciences, biological and physical sciences, literature, and other areas of the humanities. An applicant who has deficiencies in one or more subjects may be admitted conditionally until these deficiencies are removed, provided they do not exceed 15 semester hours of credit. A major in a liberal arts subject is required.

3. Good physical and mental health

4. Ability to use correct, clear, effective English Additional requirements for admiss

Additional requirements for admission to the Ph.D. programme include the degree of Master of Library Science from Indiana University or a master's degree in library science from another library school accredited by the American Library Association. Ordinarily an average of 3.5 (4.0 equals A) is required. Acceptable library experience is also a requirement.

Yes

Same as for U.S. students

M.L.S. degree: completion of 36 semester hours (usually 2 semesters and

Are foreign participants allowed

Conditions of admission

Duration of training

graphed in the collection of the

. Prince of the state of the second of the s

and the section of th

Constitution of the second of the second

gradigat garida difizitayikki

Degrees or other qualifications granted

Financial aid for trainees

one summer) Ph.D. degree: completion of approximately 90 semester hours, including thesis (about 3 years)

Master of Library Science (M.L.S.) Master of Library Science - Information Specialist (Chemistry) (M.L.S.) Ph.D. in Library and Information Science

Each year the Graduate Library School awards a limited number of University Fellowships of \$ 1800 to \$ 2200 each, provided by the Indiana University Office for Research and Advanced Studies. Graduate Fellowships of \$ 1,500 each are offered annually by the Graduate Library School. Recipients of these fellowships pay in-state fees During the academic year 1968-9, the School awarded master's degree, fellowships of \$ 2200 each and Ph.D. degree fellowships of \$ 5000 each plus stipends for dependents, and exemption from all fees under a grant from the U.S. Office of Education. The Graduate Library School awards also five scholarships for the academic year which remit all except \$ 59 of the basic fees each semester. It also awards five sends the appropriate the street scholarships for the Regular Sum-The sea year and a transport of the mer Session which remit all except the particular research and the session of the basic fees. DONE OF THE PROPERTY OF THE Also offered are Graduate Assistants, Teaching Associates, Indiana Library Association Scholarships,

Indiana School Librarians Associa-

hallang

และเป็นเหยี่ใช้ใช้ใช้

Experience that he servers

tion Scholarships, Indiana State

Scholarship Plan, and Library

Number of trainees (number of graduates to date) Princip and TO II

- Federal Illio It Felipwining "Thine Blabce Price Followerip in giransinsedil veny themetal ginadely and member of Frigits your differed and a polital poles identific

andite-1941 top out to renderious on

traffice the local terms of a

क एक्ट्रारेक्ट कर एक्ट्रास हुवी 650 M.L.S., 2 Ph.D.

Deputient III all head at Intern Programme grande at the solvensel.

Attendance to Designation of the Mississippi Library Scholarships, Residence

BROOKLYN, N.Y.

Pratt Institute, Graduate School of Library and Information Science, Brooklyn, New York

Dean: Dr. N. Sharify

Year of foundation of the courses: 1969

POST-GRADUATE

The Institute offers a full range of courses for specialization in information science. Further, Introduction to Information Science is a course required of all students whether they intend to become information scientists or not. The curriculum in information science is supplemented by the opportunities for demonstrations and research offered by the Institute.

In addition to providing training in information science as well as the more traditional areas of librarianship, the Institute offers another dimension, the international, with a full range of courses covering the international aspects of librarianship and information science. A newly established Center for International Librarianship Studies provides a service and research are for this part of the programme.

- 1. Introduction to information science
- 2. Abstracting and indexing
 3. Communications
- 3. Communications
- 4. Information storage and retrieval systems
- 5. Automated library operations
- 6. The place of language in communication

· Logich or the dark fig. 30447

7. Specialized information centres

Conditions of admission Baccalaureate degree from an accretange the property and accompany and ted college or university representing sound, basic training in representations and an expension of the second sciences or with the terms of the section of the section con-

Are foreign participants allowed Yes

Conditions of admission The equivalent of the qualifications penson les requires de voe su for admission required of students The second of the second of the United States

harder of businges there

Variab of estsubera

Degrees or other qualifications. granted

Tuition fees

Financial aid for trainees

Duration of training 36 credits (12 courses)

\$ 57 per credit

- Federal Title II Fellowships
- Olive Bishop Price Fellowship in International Librarianship
- Mary Wright Plummer Scholarship
- Alumni Association Scholarship

BUFFALO, N.Y.

State University of New York at Buffalo, School of Information and Library Studies,

Buffalo, New York 14214

Dean: E. Giuliano

Year of foundation of the courses: 1968

The aim of the School of Information and Library Studies is to train specialists in the research and development activities needed to advance the profession of librarianship.

Another aim of the School is to train leaders for the future deve-

lopment of the profession of Librarianship.

Graduates of the School of Information and Library Studies will have the ability to: 1. assume the professional responsibilities of practising librarianship; 2. understand cognitively and practically contemporary aspects of librarlanship, including new media, information systems and effective management; 3. explore the theories of and to develop skills relating to knowledge representation, storage, transfer, and its utilization; 4. understand and advance the states of technologles and methodologies appropriate to the future of librarianship; and further research; and development on knowledge transfer methodologies and systems.

The student is required to take the following prerequisites: languages of the World and introduction to computer science. Those students who do not have a background in computer science may take linguistics

instead.

Programme

- 1. Librarianship/information science in the communication process
- Resources: appraisal, acquistion and organization
- 3. Resources and services: reference and bibliography
- 4. Information networks: current technology
- 5. Administration and management: applied social sciences

- 6. Information systems and science7. Automated library systems8. Special topics in information systems and technology
- 9. Computer science, computational linguistics
- 10. Research methods for information science and libraries
- 11. Resources and services: subject
- 12. Context analysis: subject and descriptive
- 13. International publishing and bibliographic resources applicable resources
- 14. Knowledge representation: form and flow
- 15. Information system management theory and practice

Conditions of admission party states Students applying for admission to acset against here to be enoughed should have received at; least acres modely improve the succession begins bachelor's degree in the liberal section. bevience vibrace ad of any analyst arts of the sciences, or in a subject discipline appropriate for

16.000/16652



special library services such as art, music, education, law or business.

Admissability is based upon a student's academic qualifications as well as other indications of his potential for success in graduate work in Information and Library Studies.

in addition, the aptitude section of the Graduate Record Examination is required.

Are foreign participants allowed Conditions of admission

Duration of training

Admission standards plus evidence of use and comprehension of English

For a full time student: 2 semesters and a summer session would be minimal time; however, the 36 credit hours may be secured over a three years' period

Degrees or other qualifications

M.L.S. (currently being awarded to granted and a second to the specialization within the school)

Tuition fees

For graduate courses: \$ 60 per credit hour. M.L.S. degree requires completion of 36 credit hours minimally

Financial aid for trainees

Remission of tuition possible under certain circumstances: Graduate Assistantships available; Work-Study programmes supported by libraries. within the vicinity. Special scholarships have not yet been designated

(3) internitional publication and all ligarenders.

CHICAGO, 111.

e pêra lodine di e gara Peringros I. s

University of Chicago, Graduate Library School, 1116 East 59th Street, Chicago, III. 60636

Dean: D.R. Swanson

Year of foundation of the courses: 1928 (certain changes in 1963 as noted below)

POST-GRADUATE

The programme in librarianship began in 1928. Throughout its history the Graduate Library School has attempted to identify and emphasize principles and intellectual foundations of librarianship. These principles must necessarily go well beyond the bounds of current vocational practice if libraries of the future are to be soundly conceived rot of experiences entireliberto font

and designed. With this emphasis upon principles and upon the planning of future library systems, the dividing line between library science and information science is uncertain at best.

In 1963 and 1964 a number of new courses on subjects related to information retrieval, automatic indexing, computer programming and organization, mechanical translation, and systems planning were added to the curriculum. A special effort was made to identify and to encourage students to take advantage of courses related to these fields offered in other departments and divisons of the university, particularly those courses in computer science offered by the Committee on Information Sciences.

Both the M.A. and Ph.D. programmes require a dissertation. Many of these have been in the field of information science, but at least all of them have served to make the conduct of research an integral and important part of the training programme in librarianship. Subject specialities in which dissertation research has been and is being carried out are exemplified by the following: public libraries; society and use of libraries; comparative librarianship; book selection; children's literature; libraries for children and young people; reading interests of youth; storytelling; college and university libraries; research library resources; scholarly communication; cataloguing and classification; art and music in the library; history of printing and publishing; history of libraries; history and bibliography of science and technology; biomedical information systems; information systems; computer applications; theories of indexing, subject analysis and classification; mechanical translation; language processing; symbolic processes; coding, organization and searching of information; Chinese bibliography.

े विकर्त हैं के किस्तार **रह**ि विकेश राज्य के कहा है।

ikagaren un eskaar genikifinkinakon

้าของเมื่อใหญ่ (ครอง) ได้เรื่อง ครองเกลียน

ាំមាន ការប្រជាជន

ធននាំ នោជជាសារ

Programme

- 1. Library systems planning
- 2. Language, symbolic process and computers
 3. Blomedical information
- 4. Theories of indexing and information retrieval
- 5. Algorithmic syntax
- 6. Mechanical translation and language processing
- 7. Information storage and searching

Courses offered in other departments and divisions of the University related to information science are:

- Introduction to biomedical application of computers
- Digital computer techniques
- Information and computers
- Digital computers and applications
- Organization of computer systems
- Coding and switching theory Automata theory
- Algorithmic languages - Computer operating systems

- Numeric processing
- Probability and statistical inference
- Mathematical analysis for business decisions

- Linear transformations, modules and matrices
- Information theory
- Applied combinatorics
- Mathematical logic
- Semantics

Conditions of admission

For the M.A. programme - bachelor's degree or its equivalent is required. Since the school is small, admission is necessarily selective and based upon the student's undergraduate academic record, performace on the Graduate Record Examination (Aptidude Test), letters of reference, the student's own purposes and objectives and in some cases on a personal interview.

For the Ph.D. programme- normally a student must have a Master's degree or equivalent in order to enter the Ph.D. programme. Admission to candidacy, however, is contingent upon the student's performance on a series of preliminary examinations and upon a satisfactory written thesis proposal, and an oral examination based upon the proposal

Are foreign participants allowed Conditions of admission

Duration of training

Degrees or other qualifications granted

The contract of the court

Tuition fees

Financial aid for trainees

Yes

Same as for American students plus satisfactory performance on a test of English as a foreign language

Approximately 6 quarters - 1½ years (5 quarters of courses plus an M.A. thesis). For the Ph.D. programme: minimum of three full quarters of residence plus dissertation. This usually requires from two to three years beyond the Master's degree

M.A. and Ph.D. in Library Science

\$ 700 per quarter for a full academic programme of three courses

Approximately 30 scholarships and fellowships are awarded by the University. A number of fellowships for M.A. candidates and Ph.D. candidates (\$ 2,200 and \$ 5,000, respectively, tuition free) are supported by the U.S. Office of Education.

Six pre-doctoral and two post-doctoral training stipends (\$ 2,400 and \$ 6,000, respectively, tuition free) for medical librarianship are also available, under a programme sponsored by the National Library of Medicine

Number of trainees (number of graduates to date)

Since 1928: Ph.D. - 100; M.A. - 503; B.L.S. - 209 Since 1963: Ph.D. - 7; M.A. - 163

ា ការប្រជាពលរដ្ឋ ប្រជាធិប្រជាជាក្រុម ប្រជាពលរដ្ឋាភិបាល

atab of patitibing

Charles No Masserman

CLEVELAND, Ohio

Case Western Reserve University, Documentation and Information Science, 11161 East Boulevard, Cleveland, Ohio 44106

Dean: J.H. Shera

Year of foundation of the courses: Masters programme - 1955 Ph.D. programme - 1962

POST-GRADUATE

There are at present two programmes in Documentation and Information Science at different levels of education and achievement. The first, at Master's level, is an introductory programme. Its objective is to equip students to work in existing and evolving libraries and information centres.

The second programme at the doctoral level is a research programme providing for advanced professional study and research in library and Information science. Curricular flexibility and interdepartmental dialogue are basic to this programme. It includes a ground structure which is favorable to student initiative and free inquiry within a wide spectrum of instructional opportunities, permitting study and fairly sophisticated operational implementation of applications throughout the University.

Programme

- 1. Foundations of library science
- 22. Information sources and services
- 3. Automation of library processes
- 4. Information retrieval systems
- 5. Information retrieval systems laboratory
- 6. Information processing on computers
- 7. Automatic language processing
- 8. Specialized information centres and services
- 9. The literature of the humanities
- 10. The literature of the social sciences
 11. Systems analysis infinformation science
- 12. Self-organizing systems
 13. Linguistics for information science

Conditions of admission

For Masters programme: Baccalaureate degree from an approved college or university; 2.7 average; at least 3/4 programme in liberal arts. Reading knowledge of one modern foreign language. Acceptable Graduate Record Examination scores in one Advanced Test and in Aptitude Tests. Personal qualifications as attested by references and personal interview

For the Ph.D. the same as above plus a Master's degree in Library Science or in appropriate subject discipline from an accredited library school, and significant professional experience

Are foreign participants allowed

Conditions of admission

Duration of training

Degrees or other qualifications granted

Tuition fees

Financial aid for trainees

Number of trainees (number of

estancimina i latino at tiglia il bili bil

Yes

years

Same as above - plus evidence of fluency in English and adequate financia: support M.S. in L.S. one calendar year (minimum), i.e. summer session and academic year Ph.D. approximately three academic

Master of Science in Library Science Ph.D.

For 1969-70: \$ 1825 per academic: year; \$ 438 per 6 weeks Summer by a Session have be also ware for diffe For 1970-71: \$ 2000 per academic : year; \$152 per 6 weeks Summer 1 23 empered out dans

- Limited number of scholarships and fellowships - including waiver of tuition wind i de sectively est 14

- Waiver of tuition plus stipend of rei\$=2000-\$=5000) to mothemated (8

-: Teaching of ellowships is weening.

Ph.D. -4 M.S. - 150 (approximately) Special costicions

The Land Follow for the strained and stone

COLLEGE PARK, Md.

University of Maryland, School of Library and Information Services, College Park, Maryland 20742 Botheye, politicapp well (2)

Dean: P. Wasserman

graduates to date)

Year of foundation of the programme: 1965

POST-GRADUATE

Preparation of information scientists is conducted as part of the general curriculum in librarianship. Particular courses within the programme have been identified as being particularly relevant for those interested in information science. The School's programme for the Master of Library Science degree requires 36 hours of course work to be completed within a period no longer than 3 academic years. 24 of these hours are taken up with required courses, designed to introduce the student to the broad range of disciplines relevant to librarianship and equally relevant to the responsibilities of the information scientist. They also provide the necessary background for the more specialized courses.

The required courses are followed by elective offerings open to the student based upon his personal requirements and choices; these are selected in consultation with his advisor and his programme is designed to meet his own particular career interests and objectives. Those students who specialize in information science will normally develop their range of courses in consultation with faculty members who particularly concentrate their attention upon information science.

Programme with 4. Think they will be a fine

- 1. Introduction to data processing for libraries
- 2. Organization of knowledge in libraries
- 3. Literature and research in the sciences
- 4. Construction and maintenance of index languages
- 5. Research methods in library and information activity
- 6. Introduction to reprography
- 7. Information systems design
- 8. Library systems

Conditions of admission

CHANGE STAFFING APPLICATE APPLICATIONS The special state of equivalent courses of study.

Cathou Lear Altail

Admission as a student to the School is limited to individuals who hold particular second in the state of the traduction of its limited to individuals who hold in the packetor's degree from recognized colleges, universities or prodescribed and the second was fessional schools in this country or abroad or to those who can give evidence of successful completion The individual's undergraduate acapost and appear gains the distance demic record is of primary importance as an indication of his competence equal as visited to natival to carry forward graduate study in librarianship, but several other factors are also taken into account. Although no specific undergraduate They are a later notified out the courses are required for admission standing a long year and room tipels to the school, those who seek ad-- to the dor much there are a first on must have completed a broad

arts and sciences programme with strength in the humanities, social sciences and physical or biological sciences. One year of college level foreign language course work or demonstration in examination of language competence is also required for admission. Such study must be in French, German, Spanish or Russian. While no particular courses are required, the faculty views undergraduate course work in mathematics, the social sciences, and the physical and biological sciences as especially relevant to some of the newer directions in the field. Undergraduate courses in librarianship do not enhance the student's eligibility for admission, no do they necessarily assure satisfactory academic performance in the School

Are foreign participants allowed Conditions of admission

Same as above, plus proficiency in Enalish Foreign students are normally accepted only on a full-time basis at the University of Maryland and should estimate their educational and living expenses at approximately \$ 275 a month or a minimum of \$ 3,300 a year, including the expenses of two semesters and one Summer School sesridge Tier, dreaf Alfando

Duration of training

The Master of Library Science degree will be awarded to those students who successfully complete within three years from their first registration in the School, a programme of 36 hours, with an average of "B". Under a ing farger (dell'excluse (V) confidence Aggregation company cheffe (2004) Ag full-time programme a student normally completes semester hours during in Sugar and a little for the conference of the sugar states of th the fall and spring semesters and magnitude of the selection of the selection of 6 hours during the summer term dines for the first to more here that the first ra

Degrees or other qualifications granted consume and construction

mention with a principal of tolerand district

whene you this populated his west thank

าไทยใช้เป็นเป็นเหมือน เหมือนที่ โดย ได้ตร

Master of Library Science

Tuition fees

Effective with the summer session 1968, the tuition rate is \$ 30 per credit hour for Maryland residents and \$ 36 per credit hour for out-ofstate residents

259

Financial aid for trainees

A number of fellowships and assistantships are available, but these are reserved for the more superior applicants

Number of trainees (number of graduates to date)

156

COLUMBUS, Ohio

The Ohio State University, Department of Computer and Information Science, 400 Caldwell Laboratories, 2024 Neil Avenue, Columbus, Ohio 43210

Dr. M.C. Yovits

Year of foundation: 1966

POST-GRADUATE

The programme emphasizes education, research, and the professional cractice and application of computer and information science. The educational programme offers undergraduate and graduate degrees through the Ph.D. The research activities which are a central part of the programme consist of a broad conceptual base supported in major part by a grant from the National Science Foundation, as well as a number of smaller and more practically oriented contracts and grants. The broad core research programme and these other research tasks interact to form an integrated framework.

The programme of the Department of Computer and Information Science is interdisciplinary in that many other departments on the campus deal with specific applications of computer and information science. It is therefore desirable that students in computer and information science be encouraged to develop a background in these fields. The departments representing these fields are encouraged to co-operate in the research and academic efforts in computer and information science.

The Department has developed and will continue to develop courses related to the general properties of computer and information problems and to their practical and generalized solutions.

Those instructional areas which are emphasized by the Department of Computer and Information Science are as follows: general theory of information; information storage and retrieval; theory of automata, finite state machines, and computability; artificial intelligence, self-organizing and adaptive systems; pattern recognition.

Programme

- 1. Digital computer programming for social scientists
- 2. Digital computer programming
- 3. Survey of numerical methods
- 4. Introduction to information storage and retrieval
- 5. Numerical analysis

Conditions of admission

Basic requirements for admission to the Graduate School are established by the Graduate Council, a re-

James Burger Burger Burger Burger Burger

presentative body of the graduate faculty. Minimum requirements include:

- A baccalaureate or professional degree earned from a department of approved standing and granted by an accredited college or university
- At least a 2.7 cumulative pointhour ratio (on the basis of the 4.0 grading system of the Ohio State University) for all previous academic work
- 3. Prerequisite academic work which gives evidence that the applicant should be able to pursue effectively the graduate courses of the department in which he wishes to specialize

In addition to the Graduate School requirements, the department requires that each student present evidence of credit for the following (or equivalent):

1. Programming I and II

2. Mathematics through the calculus

3. 10 additional quarter hours of mathematics or computer and information science

These requirements may, at the discretion of the Graduate Committee, be relaxed for otherwise exceptionally qualified students

Are foreign participants allowed Conditions of admission

Duration of training

Degress or other qualifications granted

Tuition fees

Financial aid for trainees

Number of trainees (number of graduates to date)

नको संपन्न विचारिक अस्ति विचारिक स्वास्त्र है।

Yes

Same as U.S. Speaking knowledge of English required

Ph.D. - 4 years which was a second with the second
Ph.D., M.S., B.S. in CIS, B.S. and B.A.

\$,145 per quarter and assessing to

Fellowships, teaching assistantships, and research assistantships are available

64

through the constant of a constant the

DAYTON, Ohio

University of Dayton, Master of Science in Information Science. 300 College Park, Dayton, Ohio 45409

A. Debons, Ph.D.

Year of foundation of the courses: 1967

POST-GRADUATE

The Master of Science programme in Information Science represents an interdisciplinary approach. The programme provides an integrated outlook for the application of computer, mathematics, psychological and engineering principles for the receipt, classification, communication, cataloguing, storing and retrieval of data and information regardless of its subject matter. It provides training in the underlying concepts of information and its use as it relates to various fields, particularly to benavioral and social sciences.

Individuals completing the programme are expected to be sufficiently trained to cope with problems emerging in the development and implementation of information handling systems in general and computer-based systems in particular. Examples of such systems are automated library? environments, military command and control, community data systems, medical diagnostic and computerized educational systems.

Programme

1. Mathematics and information science

2. Advanced statistical application to information science

3. Communication: theory of the second participant owners with the Foundations of behavioral theory and the second
Information: system: technology a charge of percentains of a pairways
 Information: presentation: a charge one of the pairway and a pairway and it

7. Organization and retrieval of thinformation (%) for a suggestion of An egen hasset gen mann i lakela et baskepen ha fræðura en f

Conditions of admission B.A. or B.S. in Physical Science And the modes of the control of the control of Behavioral Science with this access to a second of the calculus and knowescribilità de differentiale en grand verilledge of a computera programming discede a computera programming and statistics will be a page of

The Conditions of admission of the Facility in the use of English

Are foreign participants allowed Yes

Duration of training to the least, and level and it (did the intelligible of training to the least least 2 years), the interpretation of training to the least lea

Degrees or other qualifications Master of Science In Information granted a ad you any or each , avoids on Science washing and the angle if

Tuition fees \$38.00 tultion for courses taken ed credit hour for lecture, Sennels konstse sed vil shoot Course

Financial aid for trainees

Students may apply for assistantships when they apply for admittance to the graduate programme. Applications are received up to March 1 and students are informed by April 1 of the action on their application for assistantships. Assistantships are awarded primarily on the quality of the academic background of the individual

The reservoir of the delication of the design of the second section of the second seco

tion toe laitteachtae ean eileidedicht .

The contract data of multiple type trainstitute a smooth Li

Number of trainees (number of graduates to date)

2 in December, 1968 To decide a secondary

LOS ANGELES, Calif.

University of California

405 Hilgrad Avenue, Los Angeles, California 90024

Programme A: Prof. R.M. Hayes Programme B: Dean A. Horn Programme C: (Miss) L. Darling Programme D: Prof. M. Melkanoff: 250 / Site to be a company of the second of the secon

Year of foundation of the programmes A - 1965, B - 1967, C - 1961, D - 1968

POST-GRADUATE

- A. The M.S.I.S. degree programme is an interdisciplinary course of the A.S. study and research in the theoretical foundations of information handling. It is intended to prepare "information scientists" what is (i.e. persons dealing with the general problems of information by 🔝 handling per se rather than application to a specific discipline)... The student is required to gain a working knowledge of the mathematics required for system design and evaluation, and familiarity with the tools of dibrarianship and their use in information services. He is required to learn the techniques of management, including cost accounting, as they apply to information activities, to gain proficiency in computer programming, and to write a thesis representing an original contribution to the field of information science.
- B. Some suggested fields of specialization are: science and engineering librarianship, library systems, analysis and automation, rare books and manuscripts, library programmes in archives, map fields other than those mentioned above. Applicants may be asked to broaden or narrow their proposed fields of specialization. This modification will be proposed before the fellowship award is made, and must be acceptable to the applicant.
- C. The Biomedical Library at the University of California offers four one-year internships annually. Time is divided between planned

training in medical librarianship and formal course work selected from: biological sciences, history of medicine, information science, and foreign anguages, depending upon the academic background and interests of the trainees. Work assignments are made on a rotating basis in the library's divisions and for shorter periods in the UCLA Mediars Search Station, the Brain Information Service and the Technical Processes Automation Project. These are supplemented by readings, discussions with staff members, visits to other libraries and attendance at professional meetings.

D. In the past ten years the School of Engineering has developed a programme of study, research and development on computers and their application, within the Information System Division. This programme has culminated into the establishment of three fields - system design, numeric application and computer languages, acceptable for the Ph.D. in Engineering. The primary aim of computer science is to enhance scholarly advance by increasing our understanding of what constitute realizable models and in extending the scope of realizability. Thus the School of Engineering provides a natural focus for the expansion of its present programme into a campus-wide programme in Computer Sciences.

Programme

- 1. Methods of information systems analysis and design
- 2. Operations research and techniques
- 3. Cataloguing and classification
- 4. Comprehensive bibliography
- 5. Specialized bibliography
- 6. Managerial accounting
- 7. Types of Hbrary or the
- 8. Management of libraries
- 9. Computer programming
- 10. Applications of computer
- 11. Seminar in information science
- 12. Data base systems
- 13. Information retrieval systems
- 14. Management information systems
- 15. Library data processing

COMPETENCE OF SECULOR SAMPLE OF SECULOR SECULO Additional courses are available in the Departments of Business Administration, Computer Science, Engineering, Mathematics and Psychology The Park of the state of the state of the state of

Conditions of admission A. - B.A. and Calculus

entitles he rock of crists a rock B. M.L.S. The control of critical bases of crists of D. - B.A. (in Mathematics, Engineer-traities) but calculates a control of critical science)

Are foreign participants allowed to Yes the same the same the same Conditions of admission

rangental el communication de communication de Same as above Duration of training

A. - Two years

B. - One year

C. - One year

D. - One of five years (for Ph.D.)

Degrees or other qualifications granted

A. - M.S.I.S. (DOC) - Master of Science in Information Science (Documentation)

B. - Certificate of Specialization in Library System Analysis

C. - Certificate of Specialization in Library System Analysis

D. - Ph.D. and M.S.

Tuition fees

Incidental fees for California mesidents total \$105 per quarter; incidental fees and tuition for non-residents of California total \$505 per quarter

Financial aid for trainees

- A. Stipend form the National Library of Medicine, Research Assistantships in Institute of Library Research
- B. Research Assistantships in ILR. Fellowships under Title II-B of the Higher Education Act of 1965
- C. Support by USPHS
- D. No special support, but scholarships and assistantships are available and it is investorable to

Compared productional

estata e e casa tina incluencia casa il Ali. J. Chele and a comment

MINNEAPOLIS, Minn. 16:3600 to 500 less less less sons

University of Minnesota, Library School, Minneapolis, Minnesota 55455

D.K. Berninghausen

Year of foundation of the course: 1965 And of the constant of the contract of the December of the Indeed

POST-GRADUATE patricks, find a patricipation of patricipation of papers of patricipations.

The Graduate School offers the Master's degree under two plans: Plan A, including a thesis and Plan B, which substitutes additional course work and research paper for a thesis. Programmes of study leading to a M.A. degree will be planned according to special abilities, backgrounds, and aims of the individual student.

Plan A with thesis requires the following courses: library administration; reference; selection; cataloguing and classification; special libraries; library mechanization; and or information retrieval; and or information and 3 outside courses in computer programming, mathematics, logic linguistics, management systems, etc.

Plan B requires approximately the same courses with 9 credits devoted to additional course work and research papers rather than to a thesis.

This programme is intended for librarians who wish competency in mechanization and information retrieval. At least 9 credits outside the library school offerings are required. Considerable flexibility in programme planning for individual students is possible, and some programmes might include 9 credits in computer programming and 9 credits in mathematics if desirable.

- 1. Library mechnazation
- 2. Information retrieval
- 3. Biomedical computing
- 4. Computer applications
- 5. Theory, programming modern digital computers
- 6. Use of computers in business research
- 7. Introduction to general linguistics 8. Mathematical linguistics
- 9. Descriptive linguistics
- 10. Systems and procedures analysis
- 11. Data processing systems
- 12. Decision making and operations analysis
- 13. Introduction to industrial engineering
- 14. Introduction to work analysis
- 15. Introduction to operations research
- 16. Dynamics of human communication
 17. Science communication
- 19. Speech and language in human behavior
 20. Mathematical logic
 21. Advanced logic
 22. Topics in logic

- 21. Advanced logic 22. Topics in logic
- 23. Philosophy of logic

Conditions of admission

Are foreign participants allowed Yes

ntogrupidal (w. 2005), i.e. Geografia (geografia), algebraida

transerdes Pasificante generalista.

Duration of training to mainte a months to the district of the property of the Degrees or other qualifications with Masfer of Arts which a collaboration

granted mas flown disposition to the recent of the service and doing

cides this absences to motion of credits on less - Resident \$:52 +

For short training programmes: a graduate degree from an ALA accredited library school and admission to the graduate school For MA programme: admission to security carboard to a security graduate school

- Conditions of admission ... Admission to the Graduate School

Tuition fees at event ban without 1968 year this to equebic wit notice

to insuring 1967 this viscolin eine \$ 37 incidental fee * Nonres
as of assume (albivors) is immed and sident \$ 140 + \$ 37 increased

to redness 6 has assess action Over 6 credits - Resident \$104 + 104 \$37 incidental fee - Control Nonresident \$280 + \$37

Summer Session (5 weeks) -\$59.00 for 4 credits, \$72.00 for over 4 credits

Financial aid for trainees

For biomedical librarians \$200 per month plus free tuition Higher Education Act fellows \$2650 plus free tuition

Number of trainees (Number of graduates to date)

No breakdown of MA graduates showing how many have taken these courses; 15 biomedical librarian fellows have done so

NEW BRUNSWICK, N.J.

Rutgers, The State University of New Jersey, Graduate School of Library Service,

New Brunswick, N.J. 08903

Dean: N. Harlow

Year of foundation of the courses: 1954

POST-GRADUATE

The programme at the master's level is designed to prepare persons to work in libraries and information centres in school, public, academic and research libraries; a basic, integrated programme of studies (composed of seven of the total of twelve courses) is intended to develop a knowledge of principles, concepts, and analytical processes in preparation for future professional responsibility and practice. The content of the basic courses pertain to all types of library and information service (for example, there are "required" courses in systems analysis, public administration, bibliographic organization and description, in criteria for selecting informational material, in planning services for special communities of users, etc.). Beyond this group are courses which support specialization in areas of interest (academic, special, public, school), including work which may be taken as "continuing education" subsequent to receipt of the M.L.S. degree.

The doctoral programme emphasizes research and prepares persons for careers in research, for teaching in higher education, and (by developing capability in critical analysis and an understanding of the values and methods of research) for positions of major responsibility in the field. It is built upon a series of seminars intended to develop a comprehensive view of the field of librarianship and information science and a understanding of what the issues and problems are. At Rutgers, tudy is carried on through small seminars under the guidance of distinguished faculty, and there is a continuing close relationship between a limited number of students and senior faculty members. The School works closely with the Department of Computer Science (with an on-line terminal providing access to an IBM 360/67), the Statistical Centre, Urban Studies, and a number of other university disciplines.

The diversity disciplines.

Programme

- 1. Systems analysis in library management
- 2. Information science and technology
- 3. Programming theory for information handling
- 4. Administration, theory and practice
- 5. Planning library services
- 6. Abstracting and indexing for information services
- 7. Sources of information in science and technology
- 8. Sources of information in business and technology
- 9. Sources of information in government publications

organización de la defini-

- 10. Seminar in research methods.
 11. Statistical theory for research workers
- 12. Seminar in information science
- 13. Seminar in research library administration
- 14. Seminar in technical services

Conditions of admission

- 1. Graduation from an approved institution of higher broad cultural background plus a
- field of specialization

 2. Evidence of above average scholastic ability and promise scholastic ability and promise for successful graduate study
 - 3. Competence in a foreign
- language

 4. Evidence of personal maturity

 and professional motivation

Are foreign participants allowed Yes

Duration of training

g 66,5 cm significan being law o

Conditions of admissin Same requirements plus satisfactory ealtystic size of a from the mean scores in Test of English as a reliable that a from the from the foreign Language religion to the first section. ระด้าน และ คลเล Foreign Language คลาโลกนุทธเหตุกา

M.L.S. programme requires one academic year (2 semesters and a Summer Session) or three semesters; it may be taken part-time in 3 version to be expensioned of the instance of the expension of the expensio

Master of Library Service and Ph.D. reiniste prives no contain in

Full-time student: \$16 per credit entare withouthour (\$440 at term) a confrequent wa Part-time and Summer Session: \$25 per credit hour

> Several scholarships and fellowships from U.S. Office of Education. Library Services and Construction Act Funds (master's level). Several fellowships from U.S. Office of

Degrees of other qualifications granted

Tuition fees

Financial aid for trainees in pangeb and their and Calebe talon have their venife of pademorraqueto wark.

notestans tenedan out of moitible of

Education, Higher Education Act Funds (master's and doctoral levels). Four University Research Assistantships. Three University Student Assistantships

Number of trainees (Number of graduates to date)

Master's programme: 1,524 Doctoral programme: 20

PHILADELPHIA, Pa.

Drexel Institute of Technology, Graduate School of Library Science, 32nd & Chestnut, Philadelphia, Pennsylvania 19104

G. Garrison

Year of foundation of the course: 1963

POST-GRADUATE

This curriculum is specifically designed to meet the educational requirements of: 1. Administrative personnel in science information departments; 2. Abstractors, translators, science literature and patent searchers; 3. Editorial personnel of science publications; 4. Computer centre staff members and computer salesmen and engineers; 5. Science researchers and instructors in information science.

The curriculum is comprised of 50 hours in required courses and an additional 10 hours of electives in one of five areas for a total of 60 quarter hours (40 semester hours), with no course grade lower than C and a weighted average of 3.00 the degree.

The required courses introduce the student to five major subject areas of information science and provide him with a general knowledge of the entire field. The required courses along with the thesis provide for concentration in various fields such as research, management, publication, instrumentation and science bibliography.

Programme

- Principles of management.
- Reference materials in science and technology
- 3. Methods of research inglibrarianship
- 4. Science literature abstracting and indexing
- 5. Publication
- 6. Information centre administration

opiteophy to esitto .C.V mark tegito

titlering Services in Donahraniton

Art Fuede Coesecris toward to

- 7. Instrumentation sate to eather the
- 8. Integration of the science information system

a**or**i filologia i ten

9. Search strategy of your safe which

Conditions of admission

Applicants must hold the bacheion's degree from an accredited institution and must have a 3.00 grade point average (on 4 point scale) for last two years of undergraduate work. to entitle 18.0 of the agreement (etf In addition to the general admission

Association and a second

Butterin Pass

requirements applicants for admission to the curriculum will: 1. preferably, have had undergraduate or graduate work in some of the following: calculus, statistics, linguistics, experimental methods, logic, systems analysis, operations research, algebra, electronics, communications, computer theory, psychology and sociology; 2. ideally, have had work experience in some of the following: indexing, literature searching, report writing, editing, photography, business administration, librarianship and translating

Are foreign participants allowed

Conditions of admission

Yes

In addition to above, students must demonstrate competence in English language

Duration of training

Degrees or other qualifications granted and the right control than

Tuition fees

Financial aid for trainees

Four quarters (full-time) for 60 quarter hours of credit.

Master of Science (Information Science)

\$ 40 per quarter hours and

Some state, federal and local funds available for scholarships and fellowships. Also, extensive opportunity for part-time jobs in the Philadelphia area Whose the medical

Number of trainees (number of graduates to date) Africa atota Lin From 1963-1968: 12 graduates in Information Science

10.65 to 4. . 2.6 , PITTSBURGH, Pa: the lightness which may be expensed

University of Pittsburgh, Graduate School of Library and Information Science, Pittsburgh, Pennsylvania 15213

Dean: H. Lancour

Director of Knowledge Availability Systems Center: A. Kent

agrest etempleithes

Year of foundation of the courses: 1963

POST-GRADUATE

conversion but augustand and inchestion and inchestions. The programme offers a series of courses in information science which covers topics in mathematics, computer programming and advanced applications in the literature fields. Both management information systems and administrative functions as well as the information storage



and retrieval problems are dealt with. Advanced topics in information systems analysis and design are covered including such topics as finite state machines, information theory and coding theorems. The programme offers an M.L.S. degree and a Ph.D. A separate programme in information sciences is also being developed in the School of Engineering, Department of Industrial Engineering.

The M.S. and Ph.D. degree are offered in Management Systems and Operations Research. However, a student can develop a major in Information Engineering, covering the basic principles of information-systems design, organization and operation. These systems relate to management and information storage and retrieval; both small and large systems are considered. A student is expected to have acquired a strong background in mathematics, computer science, simulation, statistics and operations research.

Programme

1. Library systems analysis

2. Mechanized information retrieval for Ph.D. students

3. Specialized information centres

4. Mathematics in information storage and retrieval

5. Computers and logic in information retrieval

6. Data processing and the library

7. Linguistics and the library and information sciences

Languages for the library and information sciences
 Administration of special libraries and information centres

10. Library networks

11. Research problems in information science

12. Language engineering

Ficurações sei majas , as A Conditions of admission

Are foreign participants allowed

Conditions of admission

Degrees or other qualifications. M.L.S., M.S. and Ph.D. granted

Duration of training

Number of trainees (number of graduates to date)

Baccalaureate degree

Sufficient amount of English to do this work

One calendar year for M.S. or M.L.S. Three calendar years for Ph.D.

Ph.D. - 0
M.L.S. in Information Science approximately 50

Asian two reasts for particularly to high TALLAHASSEE, Fla

##/Acchange Trapel Florida State University, Information Science and Technology, Tallahassee, Florida 32306 convocada de la servició del servició de la servició de la servició del servició de la servició del servició de la servició de la servició de la servició de la servició del servició de la servició dela servició de la servició dela servició dela servició de la servició dela servició de la servició dela servició dela servici

Professor: Dr. G. Jahoda die Complete sette de la contrata del contrata de la contrata de la contrata del contrata de la contrata del contrata de la contrata de la contrata del contrata de la contrata del c Year of foundation of the courses: 1964 as her safe winds one courses

子属其意具或语

POST-GRADUATE

The Information Science and Technology programme leads towards the Master of Science degree in librarianship which consists of 60 quarter hours of class work and the equivalent of at least one quarter of directed work experience. The full-time student will be able to complete this programme in a minimum of 15 months, including the work experience. In addition to taking 33 quarter hours in basic librarianship required of all Library School students, the student takes 18 quarter hours in information science.

Programme

- 1. Information storage and retrieval systems
- 2. Abstracting and indexing
- 3. Information systems design and evaluation

yaqılarış başçarı oluş ökti

- 4. Information resources and literature searching in science and technology
- 5. Information centre administration

Conditions of admission

Applicants must have a bachelor's degree with a B (3.0) average in the student's major and collateral courses, two years of a foreign language at the college level, and an acceptable score on the Graduate Record Examination. While the programme is slanted toward students with an undergraduate major in the physical or biological sciences, mathematics or engineering, applications from students with another undergraduate major will be considered.

Are foreign participants allowed Conditions of admission ammenyon, sitt ol

Aschement one of three is

Proficiency in English; graduation from a 4-year college with a bachelor's degree

รับได้เกาะระดับที่ ก็เอริกิทายเกิ

रीपुष्ट वर्टी किलाहित होगांत्र

Duration of training activities on 12 to 18 months Degrees or other qualifications Master of Science granted

Tuition fees

Angelier of the least the \$ 125 per quarter for Florida residents; \$ 325 per quarter for out-

Fellowships, scholarships

Financial aid for trainees Number of trainees (number of graduates to date)

of-state students

10 with specialty and several hundred library school students having taken one or more information science courses

URUGUAY

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

MONTEVIDEO

Escuela de Biblioteconomía, Universidad de la Republica (School of Librar Science, University of the Republic), Montevidec

Director: Prof. E. Lerena Martinez

Year of foundation of the course: 1965

Course in Documentation

Programme

- 1. Documentation
- 2. Documents and document processing
- 3. Problems raised by the organization of scientific information
- 4. Linguistics problems
- 5. General theory of classification
- 6. Mechanization and automation
 - a) Information storage and retrieval systems
- b) Semi-automatic information retrieval systems
 - c) Systems based upon electric machines
 - d) Photoelectric systems
 - e) Computers
 - f) Mechanical translation
 - 7. Reprography
 - 8. Reprography techniques in documentation organizations

although attical st

- 9. Organization and administration of centres and documentation and information services
- 10. National, regional and international scientific and technical documentation services
- 11. Co-operation and co-ordination in the field of scientific and technical information

A period of practical training is included in the programme of training . Jes mean all molescopes.

Type of training

Duration of training

लोक्स की लोग गंदर प्रदेशकार प्रकार देश है Treat and the factor who year & corner. etabola avore-le

Janidenolados (sylnewalies)

Forming Lines of the lange of the U. Turthet library subsect students has Section Sansice

Documentation Institute as a part of the School of Library Science Gazasas

3 years

Panaline tof file saltenaria

trans republish

องน้ำแล้วที่ใน 50 และสินที่

To red non I succeed to reduct inaduates to date

YUGOSLAVIA

TRAINING INSTITUTIONS, CURRICULA AND OTHER INFORMATION

	BELGRADE	<u> 1822 31 (1712 3.1)</u>
<u>Jugoslovenski Centar za Tehni</u>	cku i Naucnu Dokumer	ntaci iu (Yudos lav
Centre for Technical and Scie	entific Documentation	
Admirala Geprata 16, Belgrade)	នាក់នៅនិង មួយ ១០០០ ខ្លែ
		a předstat negováří "A
Introductory course	•	god bas seded a 18
	Cargo Carolago e Ajorea.	or and isoblets the .A
Programme	and the state of the section	hours
	· · · · · · · · · · · · · · · · · · ·	lectures exercises
1.General principles of mode	rn documentation	
and information		의 기속되는 함께 소리를 할 수 있다.
2. Special libraries		1 1 1 2 m (
3. The card-index in document	ation	i viji z ori jane log 🖫
4. Classification		3 (Energy 6)
5. Photo-reproduction 6. Writing of abstracts	ili dayan Awarawa Tibuka	
7 Information on a mount of		
7. Information as a result of	documentation	2 (************************************
8. Use of patents and standar	as in industry	ong open promer and a composition of the compositio
9. Organization of documentatin industry and other inst	ton and intermation	merce of Anthrope I in the
10. Functions of the Yugoslav	Centre and Ite	word of Landautes I (b)
Co-operation with industry	and other instituti	One 94 27 4 00 100 =
co-operation with industry 11. Discussions	ିଶ୍ୟ ମଧ୍ୟର୍ଥର ଅବସ୍ଥାତ ହେ	วิธีตัว ต โดย โรกแล้ว 601
12. Visits to documentation ce	ntres in industrial®	or Del oviterinost .a.
other institutions of the constitutions	ត ្រុងស្រីក្រុម ប្រើប្រឹក្សា ម៉ែង	and the volumentary of the
Conditions of admission	filler folitsvæged - Specialists I	A Section of Allegan
!2. Visits to documentation ce other institutions of admission	Science and t	echnology and libra-
lo scene toffe bus, sellensil	ans are adm	itted
Duration of training	್ ಆ (ಅಕ್ಕಳಾಗುವ ಮುದ್ಧಾನ್ಯವಳು - ಉಪತಿಕಾಗಿ ಈ ಚಾರ್ವಕ್ಕೆ ಚಿತ್ರವೇ	Addition Velocity
	one week foot	has vital insubacething.
For what kind of work are the	Personnel of	information centres
students being trained	undi.	Faranachia (In pating)
Examinations Solding as them	None None	
The state of the state of the state of		
Degrees or other qualification granted	78 Certificate 103	conditions of winds
Visit Visiting to Live and	20040	불리하다 그 그는 이 나는 물에 가다 가능한다.
number of trainees to solve be	ுற் - 150 per year	원회 등 중인원 원모 등 원인원하였다.
and the second second of the s		
Secreta	ZAGKEB	얼굴님씨는 아니아의 지수를 들어 다.
The Living And the results	Markette Advantage of the Control of	
<u>Znanosti</u> (Centre for the Studi	twa, Dokumentacije i	<u>Intormacionih</u>
and Information Sciences),	y of Librariansnip, i	Documentation
Trg maršala Tita 3, Zagreb	SAY Satarities when	
Professor: Dr. B. Težak	initaaren 175 75	Conditives of a
Year of foundation: 1963		
하면 된 해도 불다한 보고 보다 모든 그 모든 제 같은 근로 되어난다.		유지님은 전에 제계되었다면서 그렇게 가능한다면 살았다.

POST-GRADUATE	413 TA.	1208	U.Y.		
Programme	and the order.	erra Nege		io i An Pill ho	
<u>First year</u>				lectures	seminars
1. Significance and s 2. Documentation service 3. Library service 4. Classification 5. Cataloguing 6. Conventional and n 7. Bibliographies and 8. Characteristics of	on-convention reference ma	al publi		20 20 20 20 20 20 20 20 20 20 20 20 20 2	10- 10- 20
Second year		andre		tarsajno iš	18030.d
1. Documentation syst scientific field (others) 2. Law, general regul 3. Optional lectures compulsory): a) Mathematical element c) Linguistic element d) Technical element During the 2nd yea (60 hours) and a Mast 4. Facultative lectur Paleography, libra archive, museology and exhibits, ftran translation, cyber reprography, plann educational and sc	em for special e.g. chemistrations (only one of ements of informations and informations and informations and informations of informations and informations of	these formation ation ation sis (400 olic, score technic interpretage and pling of 1/ities	en 9y ur is c is c c c c c c c c c c c c c c c c c c	12 6 9 9 for practical ial, musical ingement of rvice, mecka	24 12 18 18 18 18 1 Work 19 Jer Jes 20 Jer Jes 20 Jer Jes 20 Jer Jes 21 Jer Jes 22 Jes Jes 23 Jes Jes 24 Jes Jes 25 Jes
Type of training		Librar		al study in Documentation	
	150 pac year ORES	or high Other in the know read	her level requirement ledge of co ing abilit uages	oma,-«B.A., nts: one≪world la ly of two mo	B.Sc., the second secon
informaciunio Occumentation	, diviens racind	- acqui	intance wi oduction t	theone of t echniques	hears remains
Are foreign participa		Yes	Cagreb.	us dellasido Cetil siss	nun one Tur ont
Conditions of ad	nission	As for		an students	
			žòvi.	foundation.	to teet

Duration of training

For what kind of work are the students being trained

Examinations

Degrees or other qualifications granted

Language of lectures

Tuition fees Financial aid for trainees

Number of trainees

Two, usually three years

Librarians, special librarians, information scientists, subject information specialists

Students take 7 examinations during their studies and a master's diploma examination

The title is Magister, if the thesis is prepared and defended; or Specialist of Library (or Documentation or Information) Sciences, after examination and special training

Croatian - Serbian (occasionally English)

700 dinars

Various institutions grant fellowships for students

Till now about 100 students registered; 11 have finished studies

Part II - Training of Users of Information 276-277-278-279

GERMAN DEMOCRATIC REPUBLIC

A 30-hours course on "Documentation and scientific information" has been held since 1967 at the Technische Hochschule (Technical University) in Ilmenau for students of all faculties. Gelegistes stand

Programme particular to the control of the control

- 1. Role and aims of scientific information
 2. Organization of scientific activity
 3. Sources of scientific information
 4. Classification of documents

- 5. Classification according to UDC
- 6. Methods of processing information and documentation
- 7. Information retrieval
- 8. Scientific information methods as applied to users own
- research work
- 9. Patent information
- 9. Patent information
 10. Tests (formal and informal examinations)

In 1967/68 the State Secretariat for High and Vocational Schools recommended to all schools of engineering and other vocational training under this Secretariat to introduce a 16-hours course on "information and documentation" as a regular and obligatory subject.

United the state the countries and the face of

- e la couduct of the modifical stationies and describing an algorism of coloration mini Tao Thori So. han i thin This Bullet Bulliane beat thomas the golden of her chair?

SPORTBARDO

Sarvera rate site estent that each compare the

- prevenint lastes at het epperant -
- May said the bright ball on and the least of the last t is it at tanders a bas

TRUTERATE

Johnstian Frankling Uplyerums of Eigenth

affiles to begin the enteriorals of Associative Select of mofficients in Draftleal work?

AUDITER.

Universität freiburg/Br. (University of Freiburg/Sc.)

 Fundamental articulation of distancementage for the ensetting test world. riple two bears to help strongers in creation on another Company of the second 280

GERMANY, PROBLEMS A

Courses for users of documentation in German universities and academies (the titles of lectures and seminars are subject to alteration).

BERLIN

Freie Universität Berlin (Free University of Berlin)

- Medical statistics and documentation for clinical physicians
- Introduction to documentation (with practical work)
- Language in documentation
- Problems of documentation and media
- The documentation centre and its users

Technische Universität Berlin (Technical University of Berlin)

- Theory and technology of electronic computers (with practical work)
- Statistical system theory and theory of information (with practical work)
- Main problems of technological documentation
- Systems of process control with digital and analogue computers
- Fundamental features of programming digital computers 30 1001 of

to escuebe the et patemarecout Berliner Bibliothekarakademie (Berlin Library School)

Pare the man Marriage

BONN

Universität Bonn (University of Bonn)

- introduction to medical statistics and documentation
- Introductory course for use and programming of electronic data processing equipment and punched cards machines for medical men

DUSSELDORF

Universität Düsseldorf (University of Düsseldorf)

- Introduction to scientific work
- Medical books and periodicals and introduction to bibliography and documentation

FRANKFURT

Universität Frankfurt (University of Frankfurt)

introduction to modern literature in chemistry and physics (with practical work)

FREIBURG

Universität Freiburg/Br. (University of Freiburg/Br.)

- Fundamental principles of documentation (with practical work)
- Problems and methods in documentation of medical data

GIESSEN

Universität Giessen (University of Giessen)

- Introduction to scientific documentation

HANNOVER

Medizinische Hochschule Hannover (Higher Medical School of Hannover)

- Documentation problems

HEIDELBERG

Universität Heidelberg (University of Heidelberg)

- Introduction to medical documentation and statistics
- Introduction to scientific work in the field of data processing

KIĖL

Universität Kiel (University of Kiel)

- Documentation of medical data with special consideration to automatic data processing
- Practical exercises on punched cards machines
- Medical bibliography and documentation of literature
- Statistical methods study for medical men (including documentation of medical data and automatic data processing)

MAINZ

Universität Mainz (University of Mainz)

- Introduction to programming of electronic computers for medical and statistical tasks

MARBURG

Universität Marburg (University of Marburg)

- Introduction to independent scientific work on medico-biological statistics

MUNSTER

Universität Münster (University of Münster)

- Principles of medical information.

STUTTGART

Technische Hochschule Stuttgart (Technical University of Stuttgart)

- Problems of organization of libraries and documentation



TUBINGEN

Universität Tübingen (University of Tübingen)

- Medical data documentation (with practical work)
- Registration and machine processing of medical data (with practical work).
- Colloquium on information processing

Medizinisch-Naturwissenschaftliche Universität Ulm (Medical and Natural Sciences University of Ulm)

- Medical statistics and documentation

WURZBURG

Universität Würzburg (University of Würzburg)

Medical documentation and statistics

ergism side grander og spirate dikterios et all

The hoteless area of motion refreshing to the new trains

a state father and spaces about the terana na na jedina ini pranjeranje and masio inicialitanje

of gradual to graduate long tripingst labs review this I sund fortung among those have some of the manage of the proportion of the proportion of the second ausetujning.

- 4477.280H

yold esteet elinstan suntversity of Misseria soltered in Lookson to seriff ming a

Mair and

(traditive) es estembles ferbentes) l'estants elumentaus dissentants eropland of companies in the land of the property of

HUNGARY

According to a decision by the Committee for Science and Technology, obligatory training has been introduced in the field of scientific information for students of all academic establishments in Hungary.

Lectures and practical work last 10-20 hours and are devoted mainly to bibliography, documentation services and problems of scientific work. The aim of the practical training is to familiarize the students with the use of catalogues, abstracting journals and reprographic equipment.

BUDAPEST

Eötvös Lóránd University; the Library Science Department has a course on information science lasting 113 hours. The programme includes:

- 1. Introduction to information and documentation
- 2. Bibliography
- 3. Documentation processes
- 4. Theory and practice of searching of documents
- 5. Classification6. Mechanization and automation of information processes7. Reproduction of documents

BUDAPEST CONTROL OF THE PROPERTY OF THE PROPER

At the Polytechnic in Budapest, Department of Chemistry, lectures (20 hours) are conducted in the field of information and documentation.

julian produce engli stakea palificio unan ki delabuka asawe sta

े विकास की लोकांकी पूर्वत कर विकासी है अवस्थित है स्थानिक

The state of the control of the c

ार पर कर पर कर के अने के स्वर्ण करके हैं के अक्टर करका कर है ऐसे कि पार्ट के किस के क्रिक्त कर किसी

र कार के किए के अपने के अने अमेर के अपने के अप the second secon

ITALY

BOLOGNE

At the <u>Istituto di Chimica Generale e Inorganica</u> lectures were introduced in 1960 on "Chemical nomenclature and documentation" destined for students of the Institute and lasting for one academic year.

MILANO

The <u>Federazione delle Associazioni Scientifiche e Techniche di Milano</u> organizes seminars devoted to problems of application of mechanized systems for information data processing in different branches of industry and science.

ROME

Lectures in documentation are held at the <u>Scuola di Perfezionamento in Storia della Medicina</u> to provide students with some general background information.

The Facolte di Scienze Statistiche, Demografiche e Attuariali dell' Università degli Studi di Roma conducts a preparatory course for the journalistic profession. The purpose of the course is to study information by means of the methods applied in sociology.

The preparatory course for the profession of a journalist includes the following subjects: history of means of information, legislation, statistics, information technique, and the theory of studying the public opinion.

An experimental course in uocumentation and bibliographical research in the field of the economic sciences was also held in 1962 at the Faculty, under the patronage of the Economic Information Centre for Underdeveloped Areas. Students of the Faculty of Economy and Law and employees of state and private enterprises participated in the course.

The programme included: methods of documentation activity and methods of disseminating information in the economy with particular emphasis on their fitness for less developed areas.

Lectures in documentation are also held at other faculties of the University of Rome, the Faculty of Literature and Philosophy, and in library schools.



POLAND

At the higher schools listed below there are 30-hour lectures in scientific information in the 3rd or 4th year of studies:

Academy of Mining and Metallurgy in Cracow
Cracow School of Economics, Cracow
Technical University of Cracow, Cracow
Technical University of Gdansk, Gdansk
Silesia Technical University of Gliwice, Gliwice
University of Lodz, Lodz
College of Agriculture in Lublin
Technical University of Poznan, Poznan
Nicholas Copernicus University in Torum
Central School of Planning and Stastistics in Warsaw
Warsaw Agriculture University, Warsaw
College of Agriculture in Wroclaw
Higher School of Economics in Wroclaw
Wroclaw B. Bierut University, Wroclaw

Programme	hours
1. Role of scientific information and its aims	2
2. Organization of information activities in Poland	6
3. Organization of information activities abroad	. 2
4. Sources of scientific information	2
5. Classification according to UDC	3
6. Methods of processing documentation and information	n 4:
7. Information retrieval	
8. Application of scientific information methods to	
students research work	6
9. Formal and informal examinations	2

Lectures on scientific information are also organized for scientists and lecturers at higher schools.

WARSAW

At the Akademia Wychowania Fizycznego (Academy of Physical Education) in Warsaw 15-hours lectures in scientific information are held in the 4th year of studies.

Programme

- Progress in scientific research and growth of special literature in the world. General remarks
- 2. Role and aims of documentation and screntific information
- 3. Sources of information and their information value in:a) books, etc.b) periodicals
- 4. Copyright, translations, citations, etc.
- 5. Work of information and scientific documentation services
- 6. Processing of documents
- 7. Classification principles



- 8. Documentation cards as basis for registration of documents
- 9. Card files, catalogues and their kinds
- 10. Dissemination of information
- 11. Mechanization of information processes, general view 12. Organization of information services at home and abroad
- 13. Principles for writing scientific work, including Master's thesis 14. Visits to Documentation and Scientific Information Research Centre at the Academy of Physical Education

Lectures on scientific information are also held for lecturers at higher schools under the Ministry of National Defence.

In some vocational technical schools and general education secondary school programmes lectures on scientific information are combined with library science and last for a couple of hours.

Refresher courses are also organized by the Chief Technical Organization in Warsaw and by the Centre for Technical Advancement in Katowice for technical and economic personnel employed in various branches of national economy; they include scientific information in

ents, and the pulmer while states are the totally in

and the first state of the stat

manage lovel treatest that the action is not low thereof it

and teamer test of the fee and the end time?

DOLLER ST. Brooker Holling I Freedolle craftbar wind was all the sounded ball sound in the banking to

The state of the s ar mentage nerveenche vistagatus ac natiscustina is

drow donesen etgenera

ensormal refer than to ent to a temperate

ar box langer in the second heriotal Strongs on me meaner so servers. To that it as surper pay are the top as

leafact to the the form of the form of the second of the form of the form of the second for second for second the form of the second to the form of the second to the seco 。可以由于ERE、强力、并是 ERE、而 Ment

- group ask in scientific research and growth of special linerature in the world. Conses to name's
 - de l'auctores afortinales en en actionnation de considerant and allas. S
 - the contain not assert of all their base not towns in a telegraphic contains of
 - · 074 19,457.8 (8
 - el solbition le
 - are continued and attended the lives of reofveds activities of the feet that a not service the least the
 - etnements became apparelled
 - selective activities of the

ROMANIA

BUCAREST

Institutul Central de Documentare Tehnica - IDT (Central Institute for Technical Documentation) Str. Cosmonautilor 27-29

Director: V. Tärāboi

Information and documentation in applied research - A users' training course

Programme

- 1. Necessity of technical and scientific information in applied research
- 2. Individual information and documentation methods used by research
- 3. Universal Decimal Classification. Principles. Application 4. Classification of patent literature
- 5. Utilization of bibliographies
- 6. Utilization of abstracts 7. Utilization of review articles
- 8. Methods of investigation in applied research

Type of training

Conditions of admission

Course for users of information

Course can be attended only by research workers belonging to research institutes and industrial plant research laboratories

Duration of training 4-6 days



288

SOUTH AFRICA

In addition to the professional training courses for librarians the universities and the South African Council for Scientific and Industrial Research conduct training courses for users of information, which are attended both by students of the institutions and by scientific and technical personnel.

print with letter up a deepel in a see seeks land of the ready sering as ear

strande en la partició de la deliminació del la malactica de la deligió de la completa de la deliminació de la Control de la completa de la comple

form in the may be assigned taken in form in the may be assigned taken in a form taken as taken be as a sair in a la form taken as a sair as in a large as form as a sair a large as a sair as a sair a large as a form as a sair as a sair
SHAMMAR TO SHAPE

officerand beditten of our regundered to excepted for

more countries to the contract and the contract of

nothing that it is finally now because if SWITZERLAND

ZURICH

Carlot Sale

Users of information and documentation are trained by the Eidgenössische Technische Hochschule (Federal Institute of Technology) in Zürich.

UNION OF SOVIET SOCIALIST REPUBLICS

MOSCOW

Moskovskij Gosudarstvennyj Universitet im. M.V. Lomonosova (Moscow State

Physics, chemistry, biology, geology and economics faculties Leninskie Gory, Moscow

Course: Scientific and technical information

Programme

1. Basic principles of organization of scientific and technical information in the USSR and abroad

2. Sources of scientific documentation according to specialization of

3. Collection and retrieval of information documents - general knowledge about information retrieval systems, classification and systematization, analytical information processing, information search and retrieval

4. Methods of utilization of primary and secondary scientific documents

5. Future developments in information activities The wild god population of the

Type of training Conditions of admission

Duration of training Who is to be taught

Examinations

Degrees or other qualifications granted

Language of lectures Tuition fees

Number of graduates

University lectures

Lectures are conducted for students of physics, chemistry, biology, geology and economics faculties. Attendance at the lectures is optional

36 hours Divilying redimines

Information users. The goal of the course is to improve methods of using sources of information and to give some knowledge where and how the necessary data can be obtained during and after studies

None gradio servicionalistico.

called the actinoch None colmencità p aneignet -

Enitector your --Russian enliquentations

3. Languege problems Free ET THEORY TO SEE 18

300 in 1968 the united to the can

Solution of the Martana Lepoles Lineary for Solance and Technology, and Act the latter of Vertices, 194 Colored and discussion of the source

FREEZ WINDT EDEKINGDOM ROLDS

Training for users of libraries in the United Kingdom has mainly been carried out in Universities. A series of short courses on the use of the chemical literature was begun at the Liverpool College of Technology since 1959. In 1966 similar courses on the use of the biological literature were started at the University of Bradford. Both these courses, however, have over the years come to be attended more by information workers than by bench scientists.

At a series of six <u>Universities</u> (<u>Edinburgh</u>, <u>London University Col-</u> lege and Chelsea College of Science and Technology, Oxford, Warwick and York) the Office for Scientific and Technical Information is arranging courses for some 500 students to receive an information service and some instruction in its use.

In 1962 the <u>National Lending Library of Science and Invention</u> at Boston Spa, Yorks. began to run ten-day Seminars on the use of scientific literature for post-graduate research students. These have been discontinued in favour of courses for staffs of university libraries, aimed at preparing them to give instruction in the use of scientific literature to the students of their own universities. A specimen timetable for such a course on the use of scientific literature lasting 10 days is published below:

three confirmation of characteristics and the 1. Tour (description) services of the National Lending Library for Science and Technology THE RESERVE THE PARTY OF

STIMET BE.

gratization that probabilismes

an entraction handsamed

that the same of the

buttered of butteres

manage of Transactors

tieved the and making his appropriate

Kosa orbis insides.

Participal prest

Betrieted

- 2. Guides to published information a) Serials:
- current awareness tools
- abstracting journals
 - indexing journals
 - annual reviews
 - review serials
 - b) Tools for students! specified interest
 c) Reports: indexes
- d) Books: 1000 to 1 to 200 the period - theses

 - annual reports - yearbooks and constant

 - monographs
 - technical dictionaries
 - language dictionaries
 - encyclopaedlas
 - bibliographies
- 3. Language problems 4. Record keeping
- 5. Information bureau
- 5. Information bureau6. Keeping up with current literature
- Library resources in the U.K.
- Films: The National Lending Library for Science and Technology, and National Library of Medicine, USA

Criticism and discussion of the course

Many university libraries are now providing instruction to their users in the use of literature. Instruction is provided at many levels, ranging from freshmen to post-graduate students, and there is no common pattern. A review of the position in the various universities is given in the paper by Miss Tidmarsh.

Outside the universities, Aslib provides a two-day course entitled "Information on a shoe-string", which is designed for managers, secretaries, research workers and others who have a part-time responsibility for providing information in their organization. This course is held once or twice a year, usually outside London.

Another development is being supported by <u>OSTI</u> whereby retrospective searching of the medical literature by means of the Mediars technique (Medical Literature Analysis and Retrieval System) will be made easier by providing facilities for consultation with specially trained liaison officers. Five such officers - at Newcastle, London, Edinburgh and two yet to be appointed - will help users in the formulation of search profiles and will advise on availability and capacity of this computer-tape index. Courses are also being held at the Hatfield College of Technology.

References

- Bottle, R.T. Short courses on the use of specific subject literature.
 In: "International conference on education for scientific information work", London, 1967, pp.59-69 (published by FID)
- 2. Mackenzie, A.G. Reader instruction in modern universities. Aslib Proc., Vol. 21, No. 7, pp. 271-279 (July 1969)
- Tidmarsh, M.N. Instruction in the use of academic libraries. in: Saunders, W.L. University and research library studies. Oxford, Pergamon Press, 1968, pp. 39-83
- 4. Wood, A.N., Barr, K.P. Courses on the structure and use of scientific literature. J.Doc., Vol. 22, No. 1 (March 1966), pp. 22-32

YUGOSLAVIA HE HIM HE WA

ZAGREB

The Centar za Studij Bibliotekarstwa, Dokumentacije i Informacionih Znanosti (Centre for the Study of Librarianship, Documentation and Information Sciences) conducts training of users, Intended for two kinds of students:

- specific subjects in the field of librarianship and documentation for one semester for students of the Prirodoslovno-Matematicki Fakultet (Faculty of Natural Sciences - Mathematics) of the University of Zagreb;
- special seminars in problems associated with the principles, methods and technique of scientific work, conducted twice a week for two semesters for graduates of various faculties of the University.

The second of th

Participate (1974)。

- .. estrate Volenis Short of the ten of special singles Ville of the entries of the contract of
 - dilbw cultingvine amage of Colorership September 15 & Strandors 15 Company of the Profession of the 15 of the 15 and 15 and 15 of the 15
 - 4. Transport, M.M. instruction (a the use of recompt libraries into Saucestry, W.A. University and mossect (theory studies, brond: Pargents trees, 1968, pp. 38-93
- officers, A. H. Serr, M.S. Courses on the structure soft use of coloratellic first artist follows as the colorate the colorate soft as SE-SE

Part III - SPECIAL COURSES 11 sted with full particulars 193 - 294

	country	<u>page</u>
Archives:		
Basic course for business archivists Modern archives	Netherlands Italy	145 1 <i>2</i> 5
Audio-visual methods of transmitting information	ltaly	125
Classification:		
Classification introductory course to the UDC Seminar in UDC	Hungary Portugal Germany	99 172 88
Dissemination of documentation	France	77
Documentation and planning studies	italy	119
Documentation secretaries	F ran ce	76
Graphical design	France	78
information and documentation in patent litera- ture Information in foreign languages:	Romania	178
- French - Russian	Hungary Hungary	100 100
Mechanization of information:		
Mechanization and automation of information processes Mechanization in documentation Data storage Mechanization of documentation	USSR Germany Germany Italy	202 92 93 126
Organization of administrative work in the enterprise	Spain	185
Organization of information:		
Organization of documentation and scien- tific information Organizational and structural problems of documentation and information	Portugal Italy	173 124
Photodocumentation and microreproduction	ltaly	126
Reference collections	USSR	203
Standardization of documentation	Portuga I	174